

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
 Data File : BF113701.D
 Acq On : 10 Apr 2019 17:28
 Operator : JU/SJ
 Sample : K2200-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 01:00:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	118027	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	429130	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	202517	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	353383	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	264914	20.00	ng	-0.02
87) Perylene-d12	15.23	264	268647	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	849270	122.70	ng	0.01
7) Phenol-d6	6.34	99	1010759	118.48	ng	0.00
23) Nitrobenzene-d5	7.25	82	718652	98.09	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	336305	138.24	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1300787	103.40	ng	-0.01
79) Terphenyl-d14	12.77	244	1158037	89.00	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	114097	34.805	ng	# 84
3) Pyridine	3.16	79	240373	28.019	ng	97
4) n-Nitrosodimethylamine	3.06	42	141882	38.924	ng	96
6) Aniline	6.35	93	67835	6.560	ng	# 1
8) 2-Chlorophenol	6.47	128	330578	41.281	ng	96
9) Benzaldehyde	6.23	77	148231	29.223	ng	98
10) Phenol	6.35	94	336194	34.506	ng	78
11) bis(2-Chloroethyl)ether	6.42	93	314191	41.456	ng	99
12) 1,3-Dichlorobenzene	6.62	146	334493	38.787	ng	97
13) 1,4-Dichlorobenzene	6.70	146	339174	38.919	ng	98
14) 1,2-Dichlorobenzene	6.85	146	317914	40.414	ng	97
15) Benzyl Alcohol	6.84	79	253362	43.925	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	473501	40.138	ng	55
17) 2-Methylphenol	6.96	107	265072	42.712	ng	# 89
18) Hexachloroethane	7.19	117	115890	36.534	ng	97
19) n-Nitroso-di-n-propylamine	7.10	70	231006	43.914	ng	99
20) 3+4-Methylphenols	7.12	107	344085	45.759	ng	# 90
22) Acetophenone	7.09	105	456193	48.402	ng	# 98
24) Nitrobenzene	7.27	77	344167	45.617	ng	99
25) Isophorone	7.51	82	626857	44.418	ng	99
26) 2-Nitrophenol	7.59	139	181129	44.607	ng	92
27) 2,4-Dimethylphenol	7.63	122	301497	51.937	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	402451	45.105	ng	100
29) 2,4-Dichlorophenol	7.84	162	297614	47.917	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	300910	44.613	ng	99
31) Naphthalene	7.98	128	971421	46.720	ng	99
32) Benzoic acid	7.78	122	97510	21.692	ng	98
33) 4-Chloroaniline	8.05	127	35674	4.327	ng	98
34) Hexachlorobutadiene	8.10	225	176143	42.834	ng	98
35) Caprolactam	8.42	113	37534	19.037	ng	94
36) 4-Chloro-3-methylphenol	8.55	107	291245	46.712	ng	98
37) 2-Methylnaphthalene	8.67	142	647471	47.347	ng	99
38) 1-Methylnaphthalene	8.77	142	611710	46.390	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	308871	47.159	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	57974	34.437	ng	97
43) 2,4,6-Trichlorophenol	8.96	196	197771	47.837	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	211076	47.556	ng	97
46) 1,1'-Biphenyl	9.14	154	800208	47.884	ng	99
47) 2-Chloronaphthalene	9.16	162	600469	47.457	ng	98
48) 2-Nitroaniline	9.27	65	187840	48.517	ng	93
49) Acenaphthylene	9.57	152	956172	46.473	ng	99
50) Dimethylphthalate	9.44	163	705225	47.241	ng	100
51) 2,6-Dinitrotoluene	9.51	165	154326	46.899	ng	90
52) Acenaphthene	9.75	154	558198	47.395	ng	100
53) 3-Nitroaniline	9.68	138	30962	8.276	ng	96
54) 2,4-Dinitrophenol	9.80	184	51102	33.194	ng	95
55) Dibenzofuran	9.92	168	824334	47.714	ng	99
56) 4-Nitrophenol	9.87	139	142023	61.196	ng	91
57) 2,4-Dinitrotoluene	9.92	165	189216	47.545	ng	98
58) Fluorene	10.26	166	647289	47.370	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	178762	46.529	ng	97
60) Diethylphthalate	10.14	149	679965	47.243	ng	98
61) 4-Chlorophenyl-phenylether	10.25	204	323092	48.071	ng	94
62) 4-Nitroaniline	10.29	138	128841	33.866	ng	98
63) Azobenzene	10.41	77	617874	45.339	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	37180	19.985	ng	87
66) n-Nitrosodiphenylamine	10.37	169	588267	54.225	ng	100
67) 4-Bromophenyl-phenylether	10.74	248	200367	50.555	ng	93
68) Hexachlorobenzene	10.82	284	221666	48.811	ng	99
69) Atrazine	10.90	200	171442	50.138	ng	97
70) Pentachlorophenol	11.02	266	165419	77.302	ng	99
71) Phenanthrene	11.22	178	859303	48.936	ng	99
72) Anthracene	11.27	178	894953	50.093	ng	99
73) Carbazole	11.43	167	800049	47.879	ng	100
74) Di-n-butylphthalate	11.75	149	967544	48.675	ng	100
75) Fluoranthene	12.40	202	830861	44.156	ng	99
77) Benzidine	12.53	184	159014	16.141	ng	97
78) Pyrene	12.63	202	834447	41.397	ng	99
80) Butylbenzylphthalate	13.24	149	344885	42.033	ng	95
81) Benzo(a)anthracene	13.82	228	715158	46.798	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	110429	18.761	ng	98
83) Chrysene	13.85	228	730167	47.134	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	446924	45.051	ng	99
85) Di-n-octyl phthalate	14.41	149	801805	49.723	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	657328	45.958	ng	99
88) Benzo(b)fluoranthene	14.84	252	767092	46.647	ng	99
89) Benzo(k)fluoranthene	14.86	252	744055	50.415	ng	98
90) Benzo(a)pyrene	15.18	252	723006	49.478	ng	100
91) Dibenzo(a,h)anthracene	16.60	278	569432	41.671	ng	99
92) Benzo(g,h,i)perylene	17.00	276	532505	38.179	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

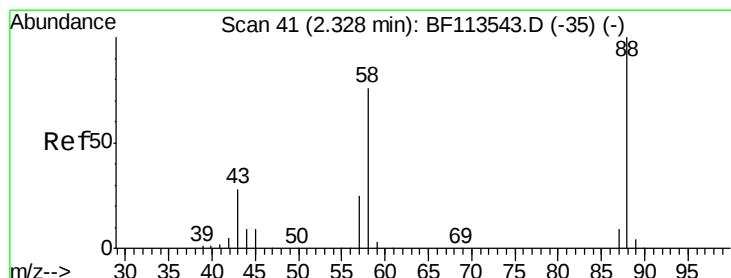
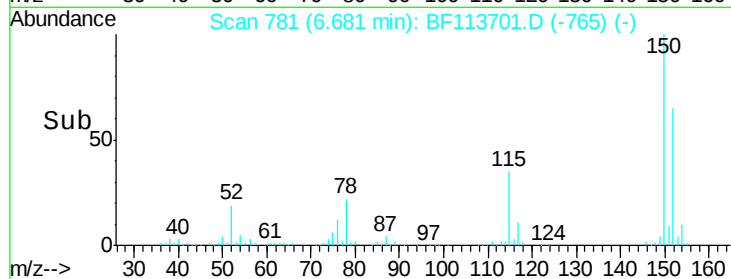
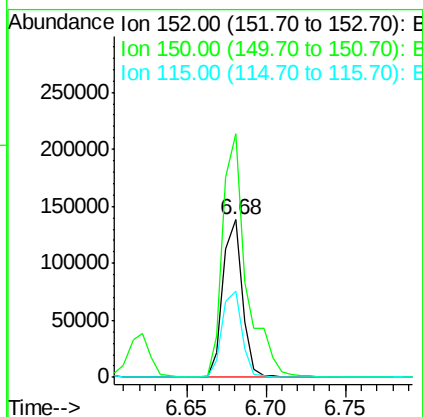
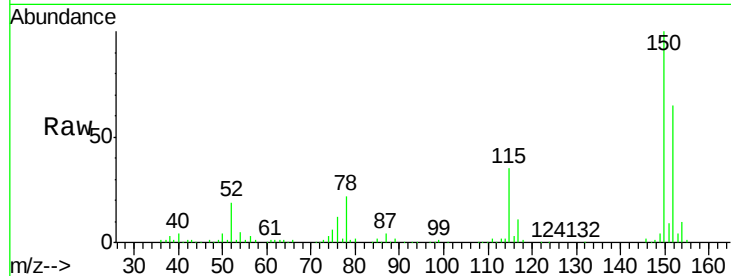


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Instrument :
BNA_F
ClientSampled :

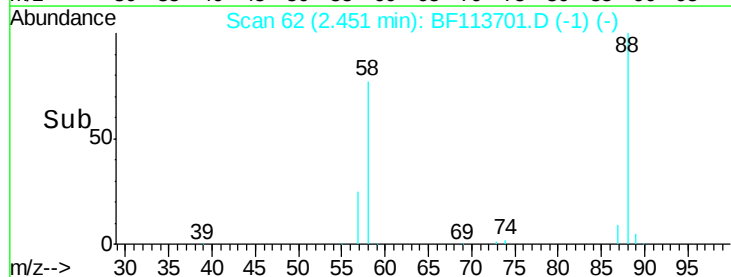
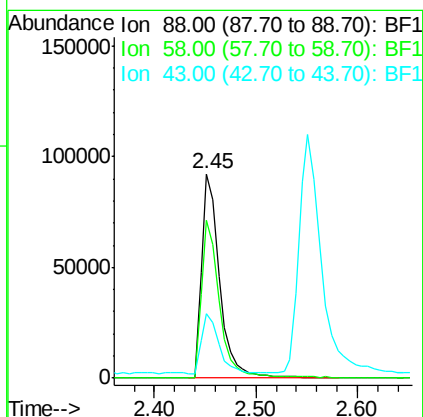
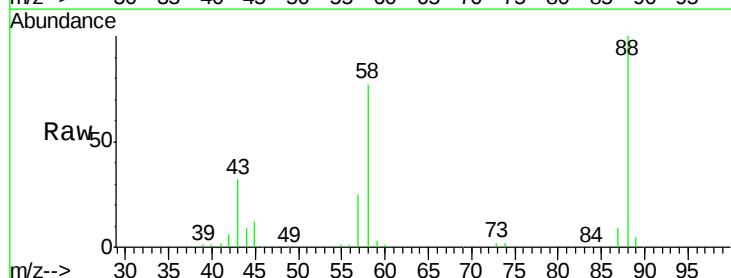
Tot Ion:152 Resp: 118027
Ion Ratio Lower Upper
152 100
150 154.3 124.7 187.1
115 54.6 46.0 69.0

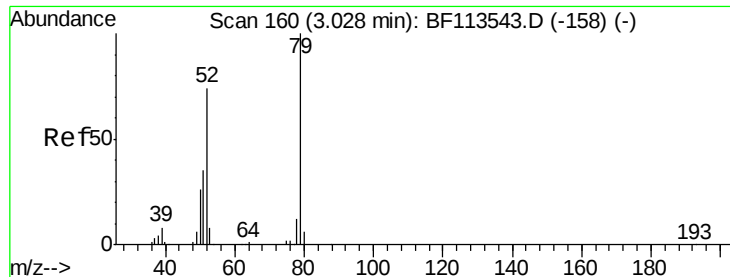


#2

1,4-Dioxane
Concen: 34.805 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.12 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion: 88 Resp: 114097
Ion Ratio Lower Upper
88 100
58 76.7 61.9 92.9
43 0.0 24.2 36.4#



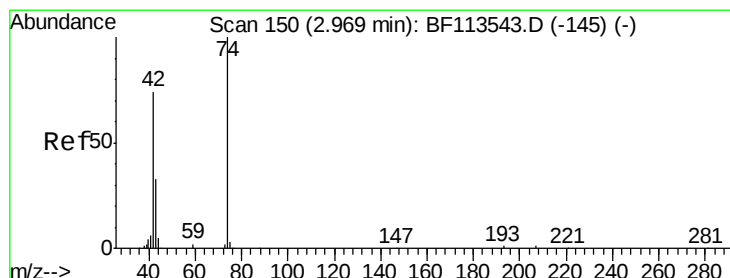
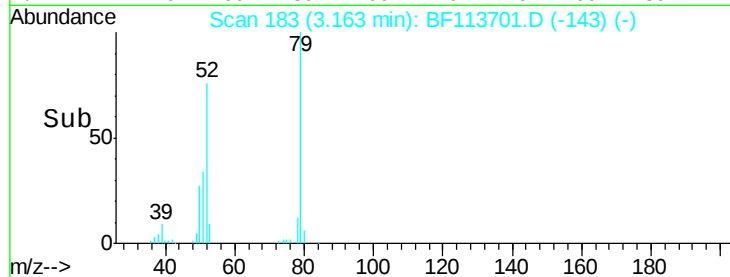
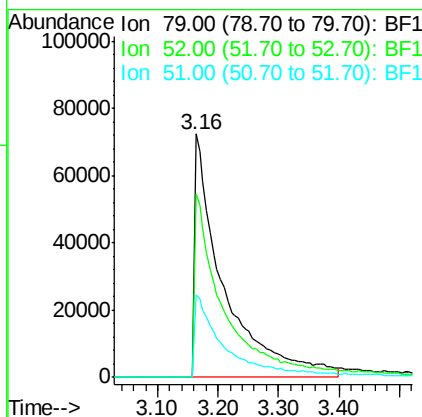
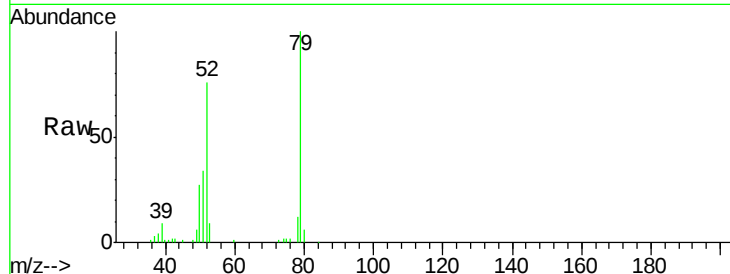


#3
 Pvridine
 Concen: 28.019 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.14 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 240373

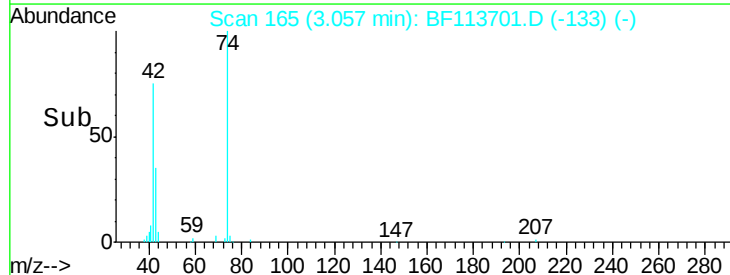
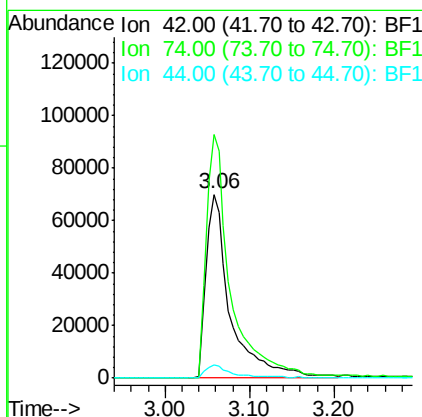
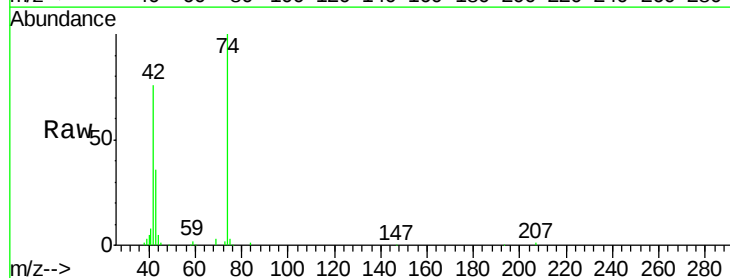
Ion	Ratio	Lower	Upper
79	100		
52	75.5	61.0	91.4
51	33.9	30.6	45.8



#4
 n-Nitrosodimethylamine
 Concen: 38.924 ng
 RT: 3.06 min Scan# 165
 Delta R.T. 0.09 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion: 42 Resp: 141882

Ion	Ratio	Lower	Upper
42	100		
74	132.4	102.4	153.6
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 122.701 ng

RT: 5.31 min Scan# 548

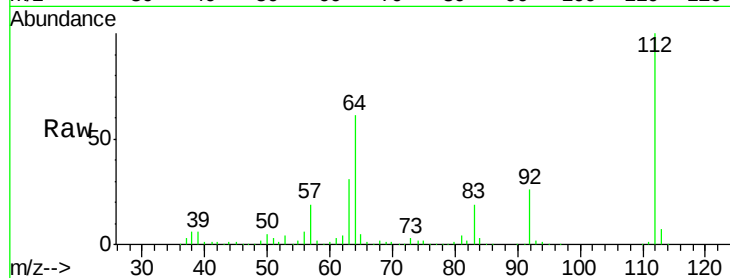
Delta R.T. 0.01 min

Lab File: BF113701.D

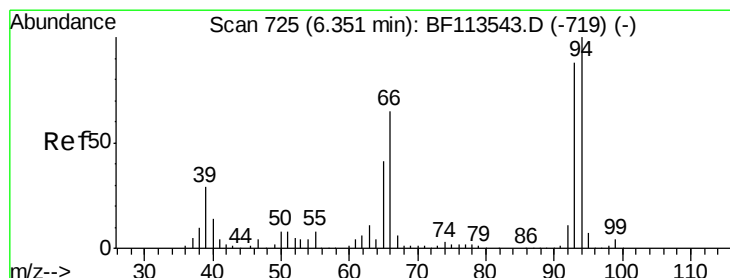
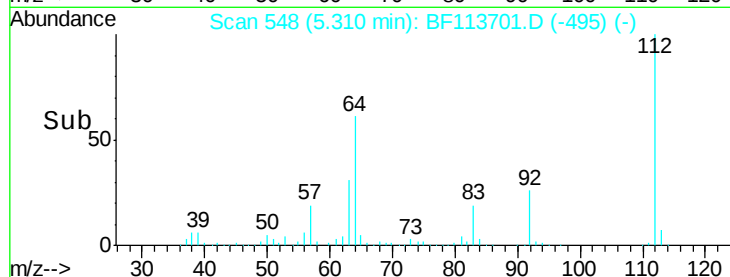
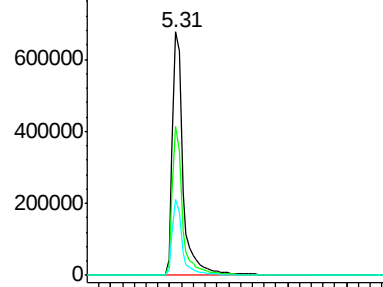
Acq: 10 Apr 2019 17:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	849270
Ion	Ratio	Lower	Upper
112	100		
64	61.0	49.2	73.8
63	31.2	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.560 ng

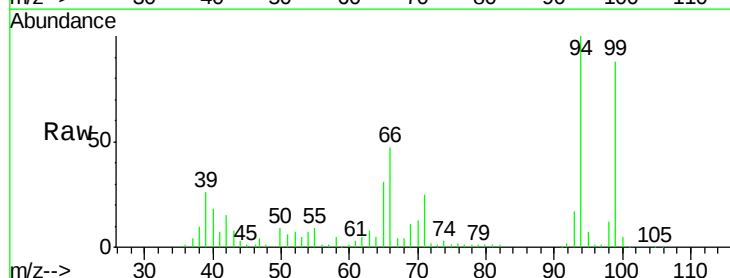
RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

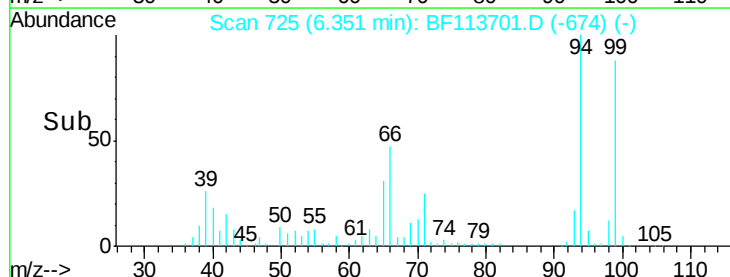
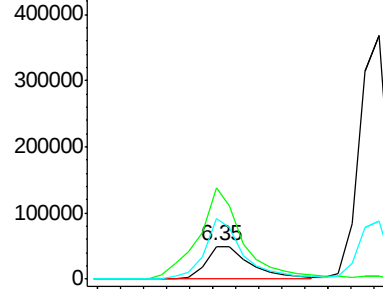
Lab File: BF113701.D

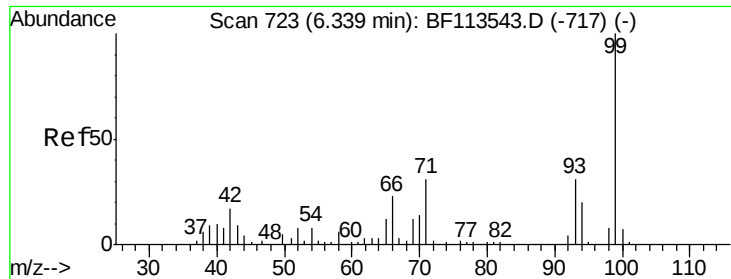
Acq: 10 Apr 2019 17:28

Tgt Ion:	93	Resp:	67835
Ion	Ratio	Lower	Upper
93	100		
66	275.2	62.1	93.1#
65	182.1	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.484 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

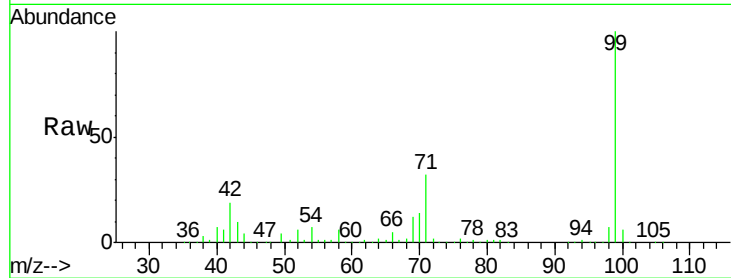
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1010759

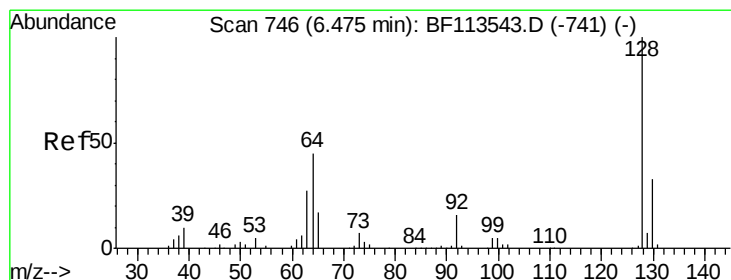
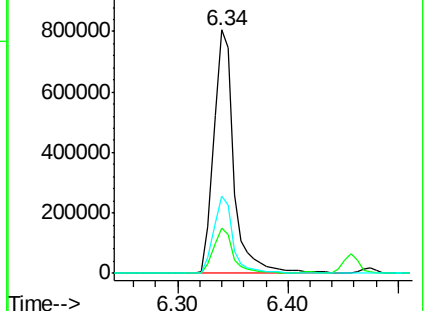
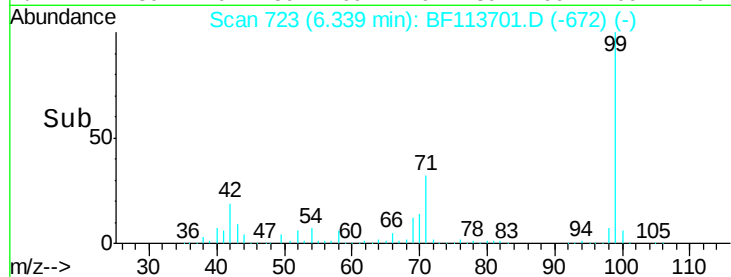
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.8	22.2
71	31.9	24.9	37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.281 ng

RT: 6.47 min Scan# 746

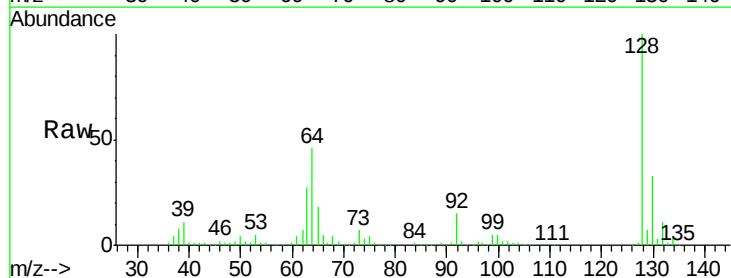
Delta R.T. -0.00 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Tgt Ion: 128 Resp: 330578

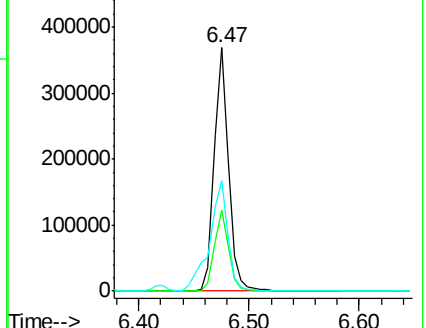
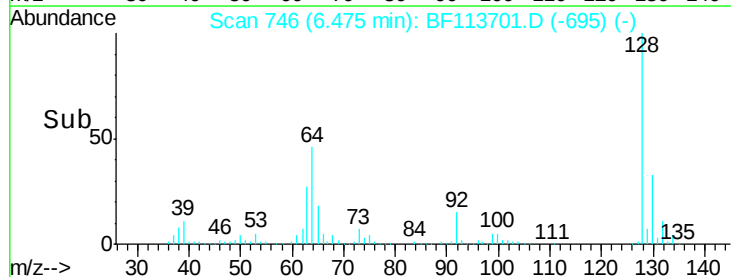
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.6	52.6
64	45.6	29.4	69.4

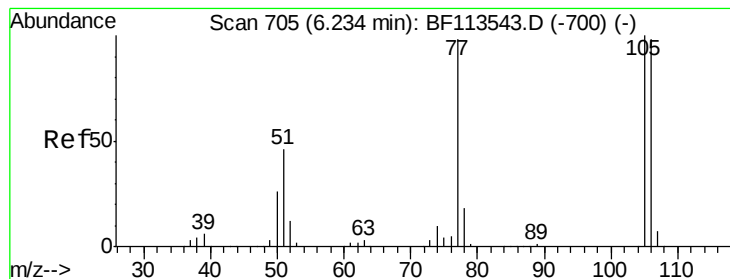


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.223 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

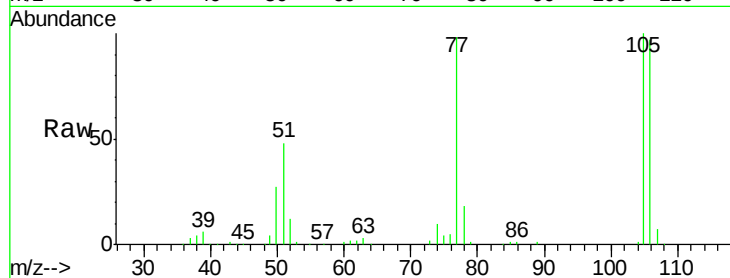
Tot Ion: 77 Resp: 148231

Ion Ratio Lower Upper

77 100

105 102.4 80.9 120.9

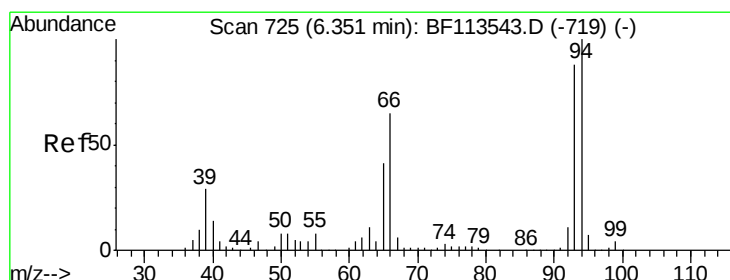
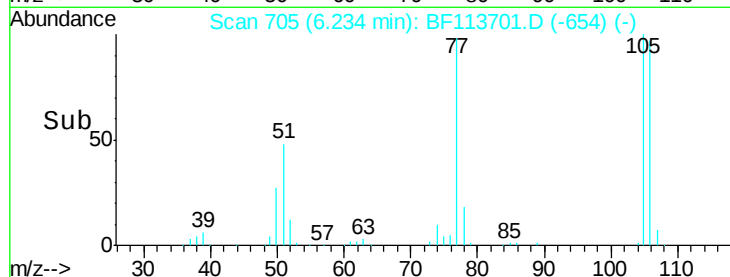
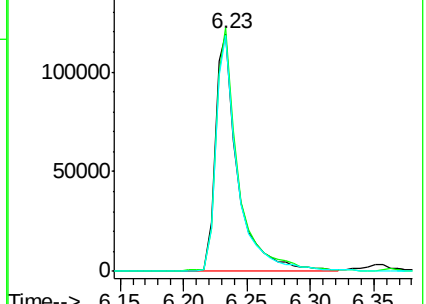
106 99.4 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.506 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

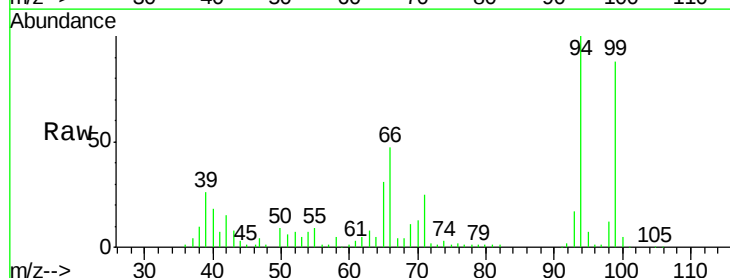
Tgt Ion: 94 Resp: 336194

Ion Ratio Lower Upper

94 100

65 30.9 21.4 61.4

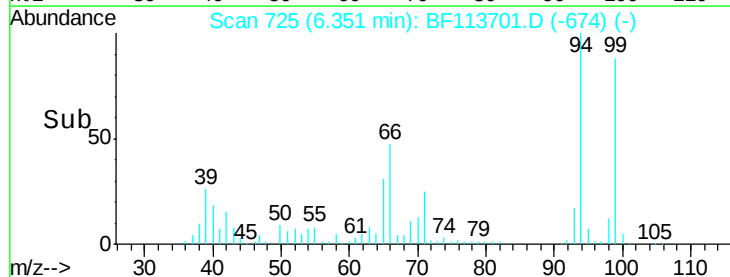
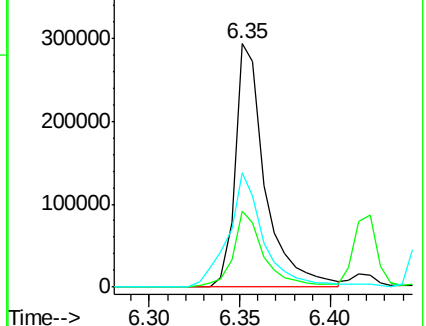
66 46.8 46.4 86.4

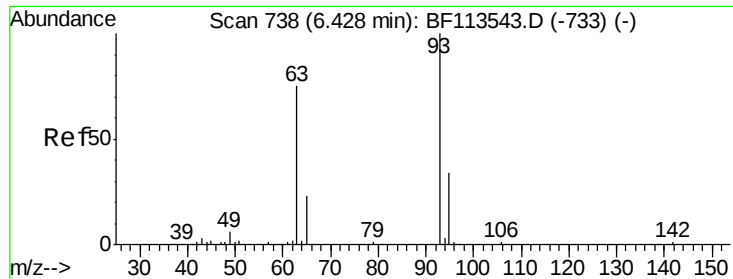


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

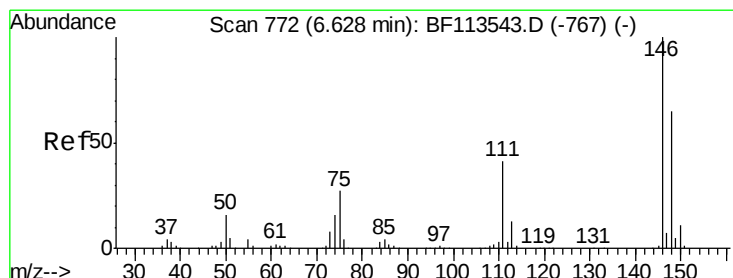
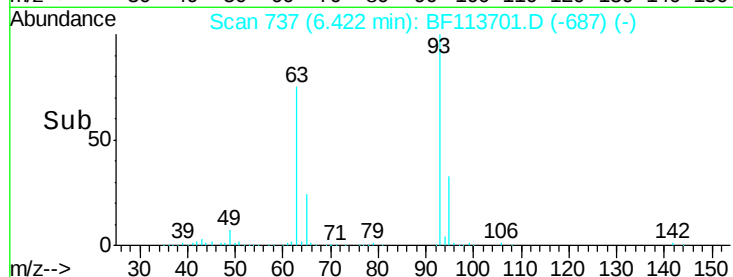
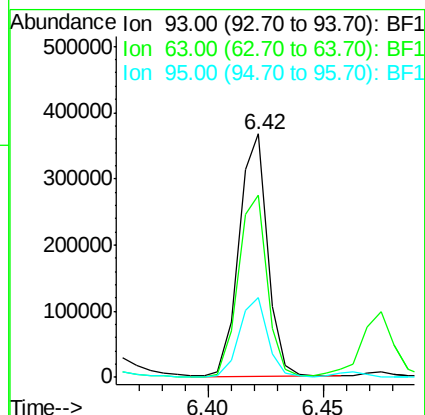
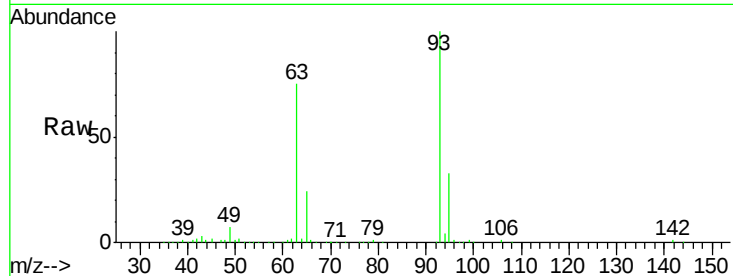




#11
bis(2-Chloroethyl)ether
Concen: 41.456 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

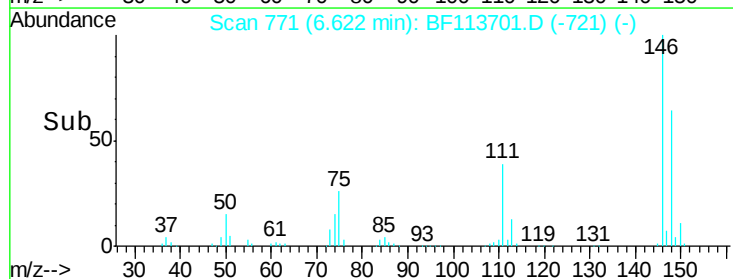
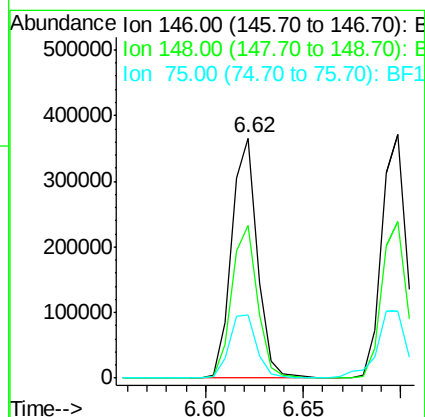
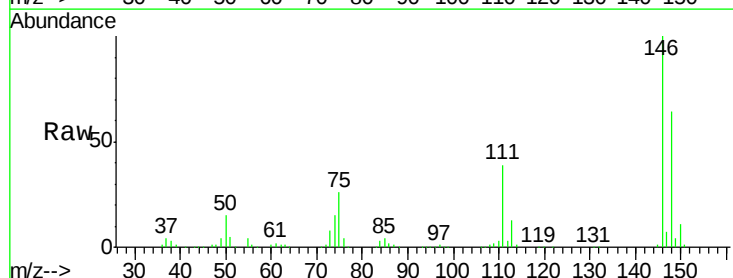
Instrument :
BNA_F
ClientSampleId :

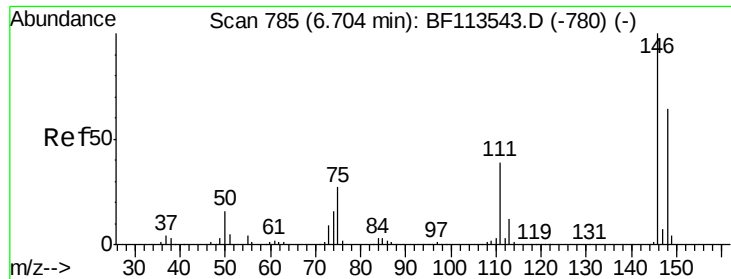
Tot Ion: 93 Resp: 314191
Ion Ratio Lower Upper
93 100
63 74.9 56.1 96.1
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.787 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion: 146 Resp: 334493
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
75 26.4 24.8 37.2

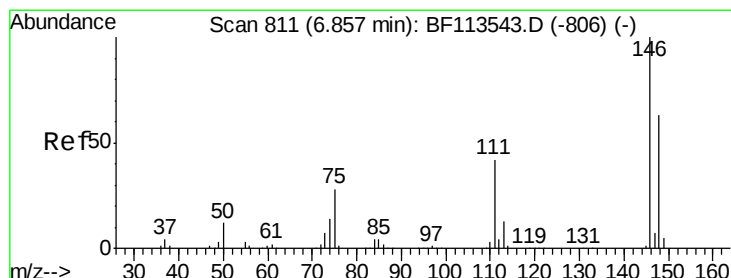
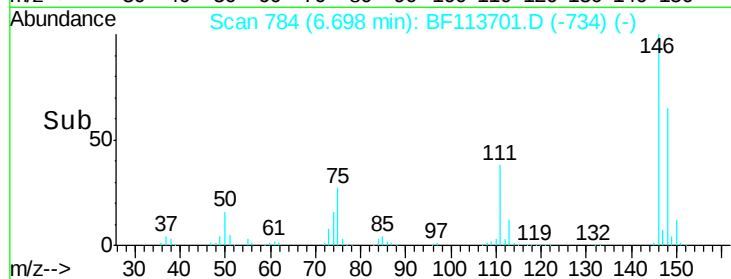
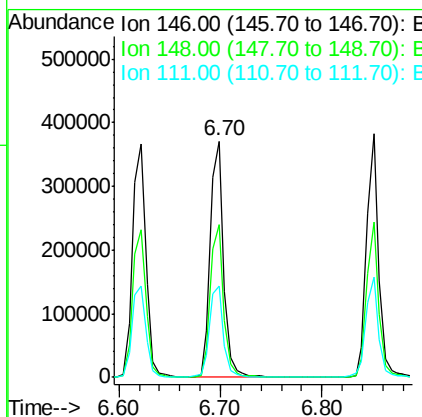
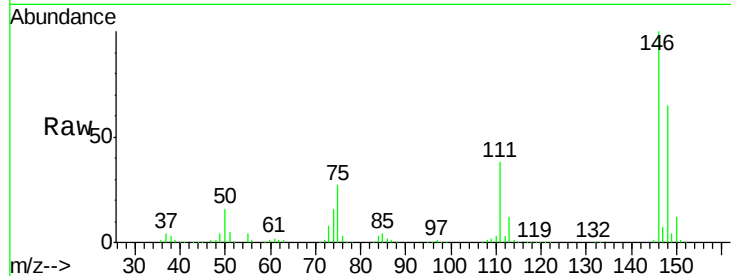




#13
 1,4-Dichlorobenzene
 Concen: 38.919 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

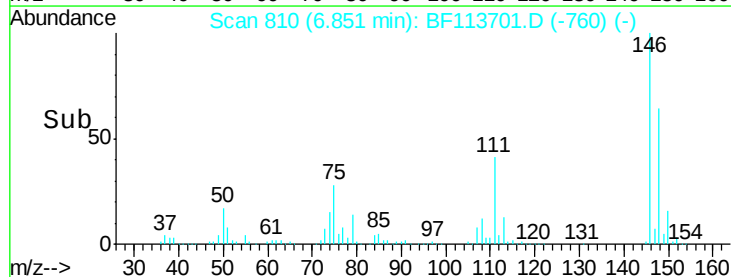
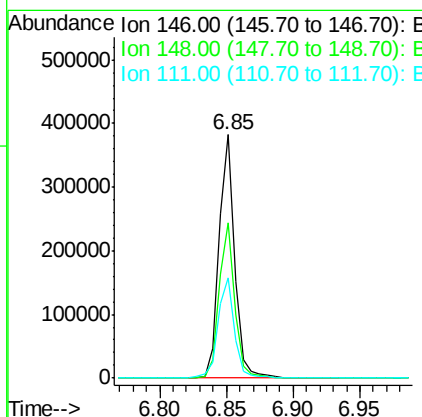
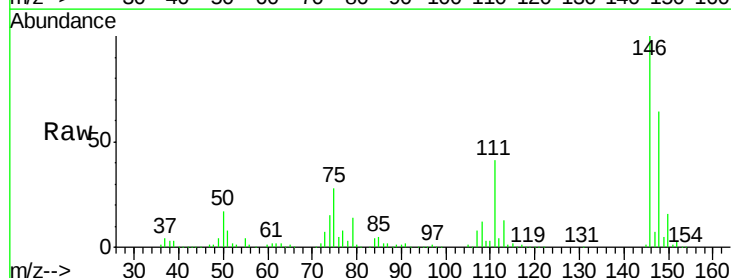
Instrument :
 BNA_F
 ClientSampled :

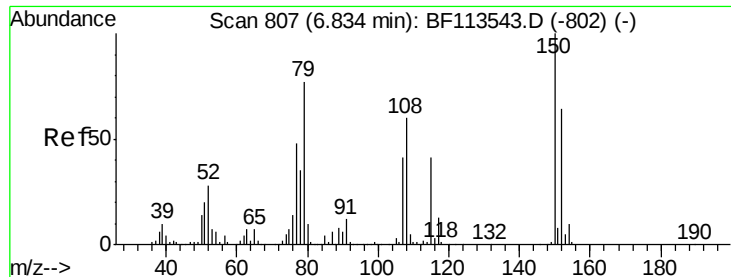
Tot Ion:146 Resp: 339174
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 38.4 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 40.414 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion:146 Resp: 317914
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.2 75.4
 111 41.4 35.4 53.2





#15

Benzyl Alcohol

Concen: 43.925 ng

RT: 6.84 min Scan# 808

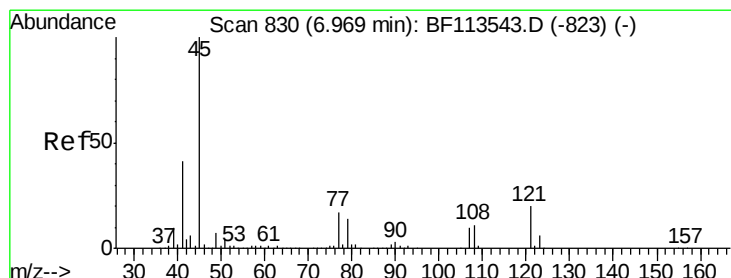
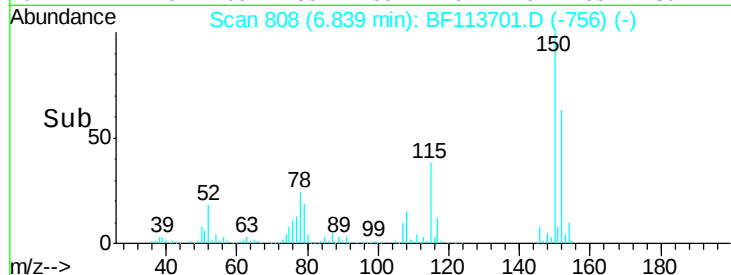
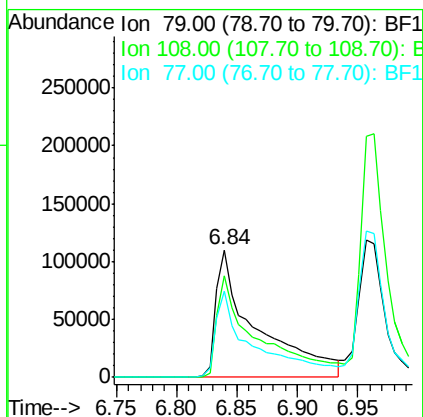
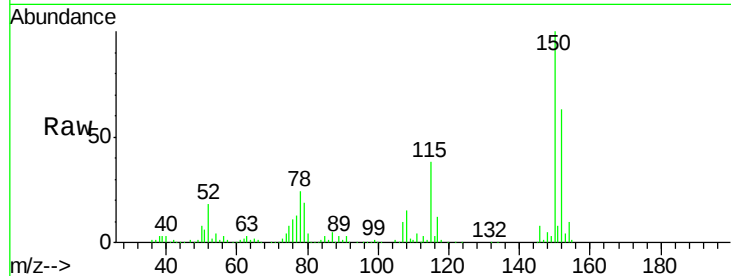
Delta R.T. 0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	253362
Ion	Ratio	Lower	Upper
79	100		
108	79.8	62.0	93.0
77	67.2	49.9	74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.138 ng

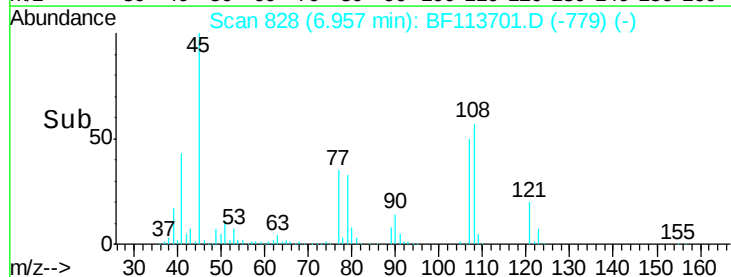
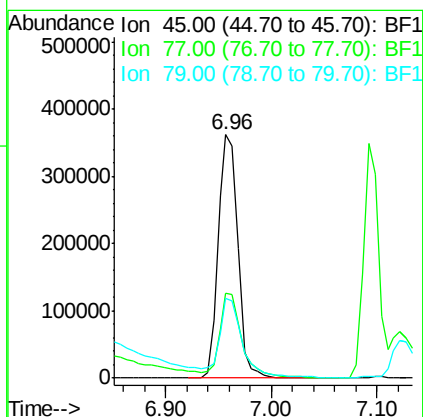
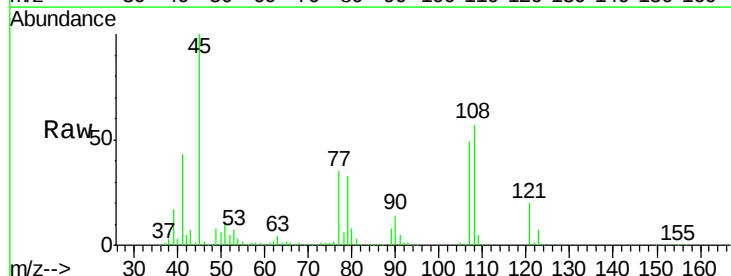
RT: 6.96 min Scan# 828

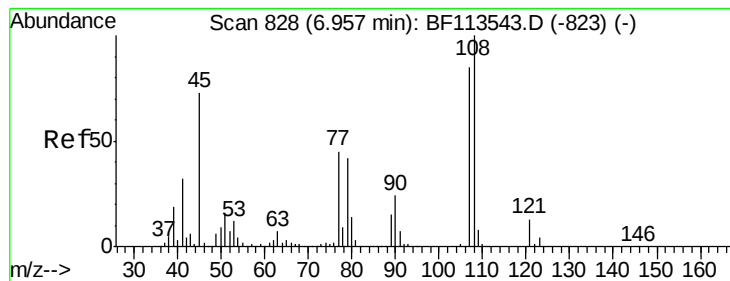
Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Tgt Ion:	45	Resp:	473501
Ion	Ratio	Lower	Upper
45	100		
77	35.0	0.0	36.6
79	32.9	0.0	34.0





#17

2-Methylphenol

Concen: 42.712 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 265072

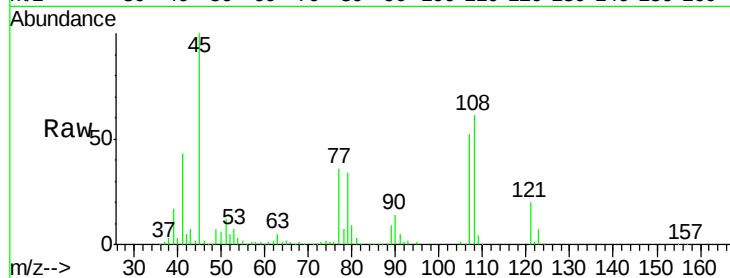
Ion Ratio Lower Upper

107 100

108 116.3 93.4 140.0

77 68.5 41.2 61.8#

79 63.9 40.1 60.1#

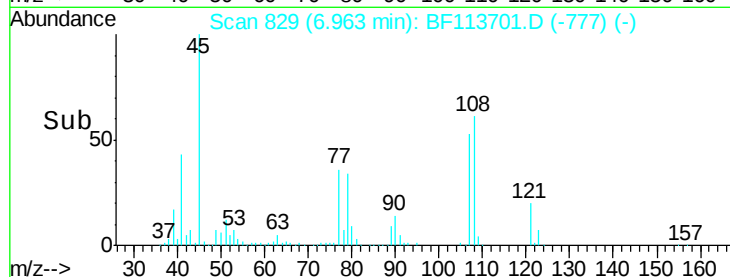


Abundance Ion 107.00 (106.70 to 107.70): E

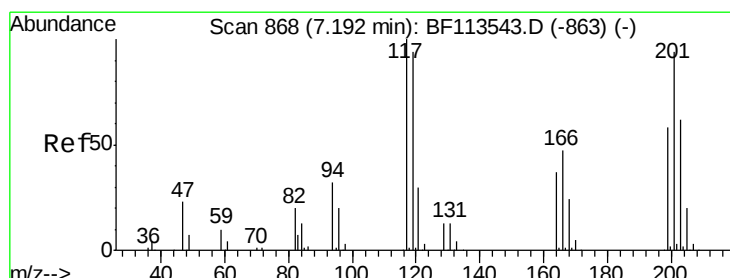
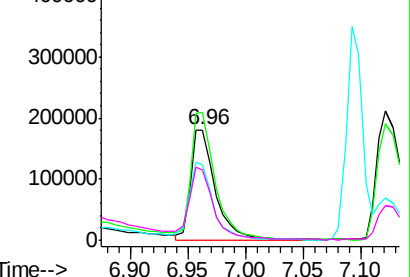
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 36.534 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

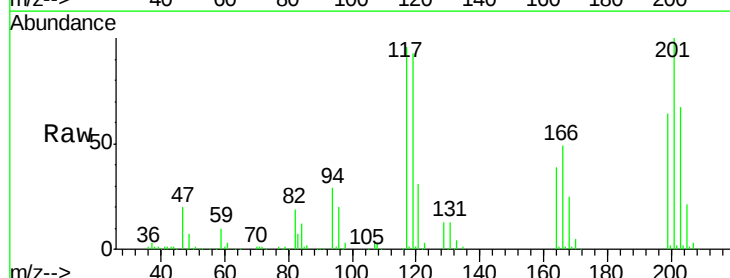
Tgt Ion:117 Resp: 115890

Ion Ratio Lower Upper

117 100

119 97.1 76.9 115.3

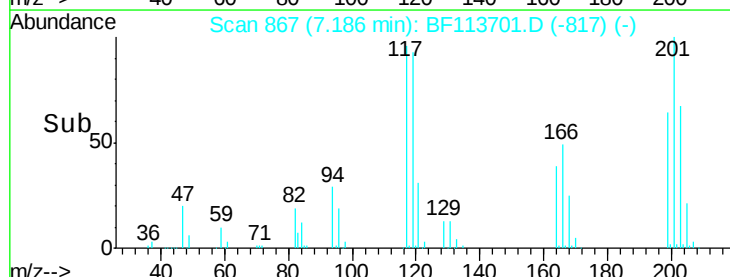
201 104.1 78.7 118.1



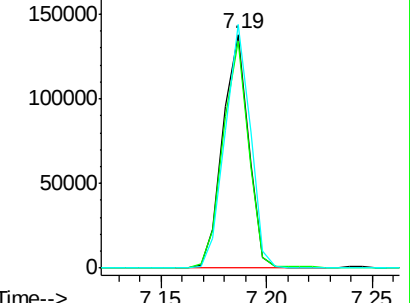
Abundance Ion 117.00 (116.70 to 117.70): E

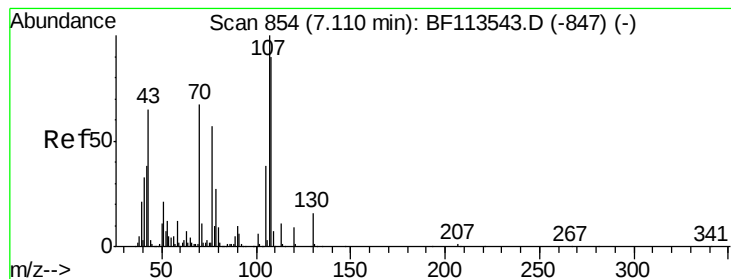
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 43.914 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 231006

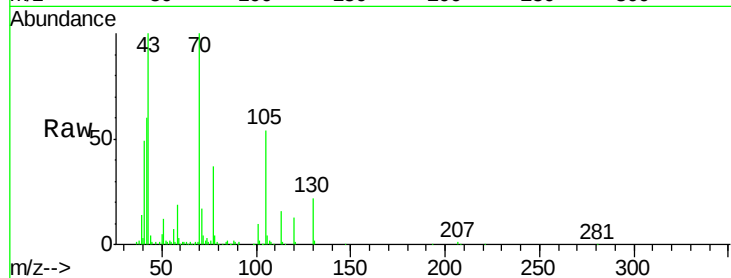
Ion	Ratio	Lower	Upper
70	100		
42	60.1	48.4	72.6
101	9.5	7.8	11.8
130	22.3	18.2	27.4

70 100

42 60.1 48.4 72.6

101 9.5 7.8 11.8

130 22.3 18.2 27.4



Abundance

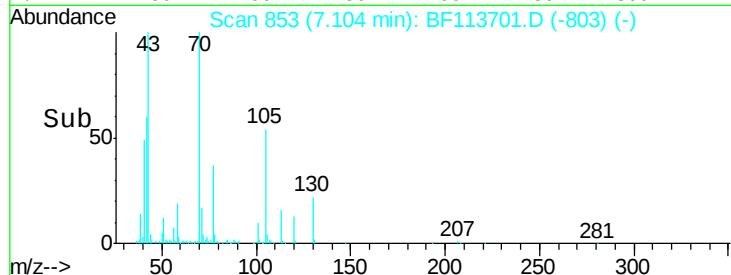
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

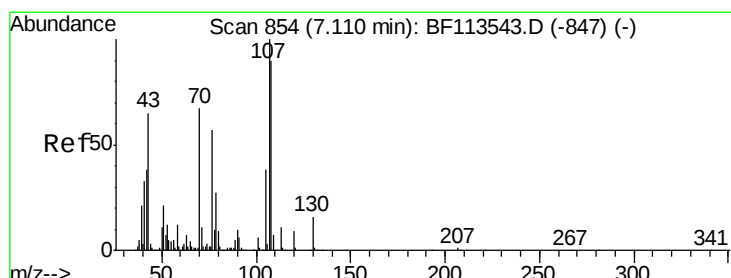
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 45.759 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Tgt Ion: 107 Resp: 344085

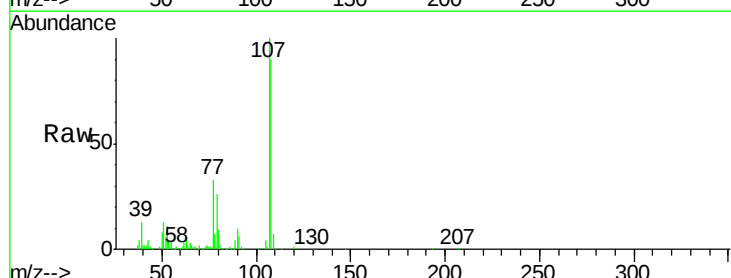
Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.4	111.4
77	32.9	33.5	73.5#
79	26.4	8.3	48.3

107 100

108 90.3 71.4 111.4

77 32.9 33.5 73.5#

79 26.4 8.3 48.3



Abundance

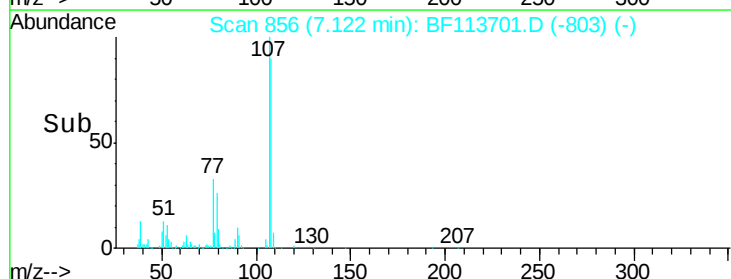
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

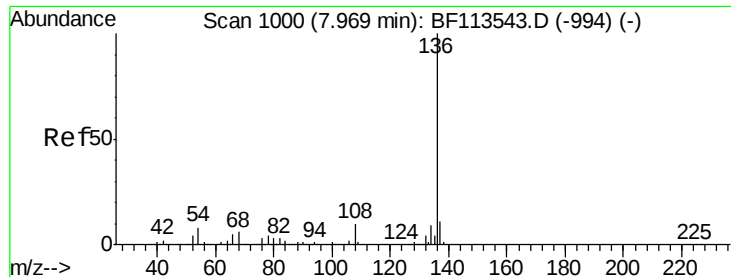
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113701.D

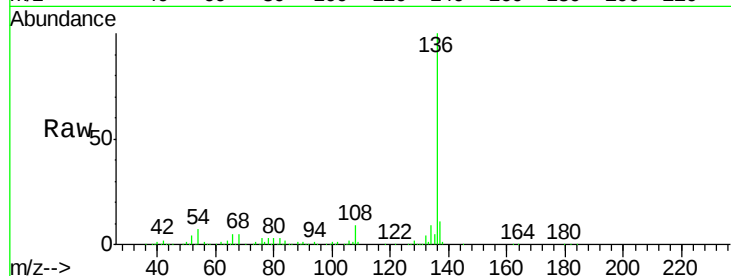
Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	429130
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	7.0	7.0 10.6#
68	5.4	4.8 7.2

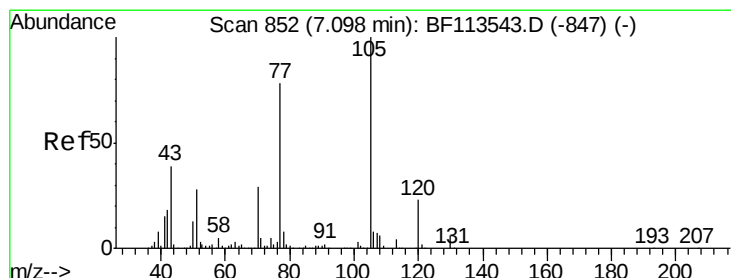
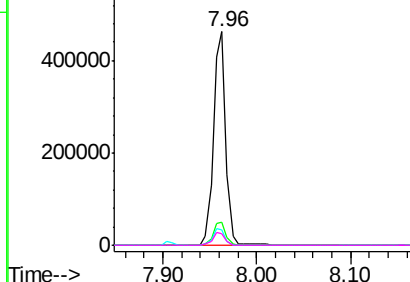
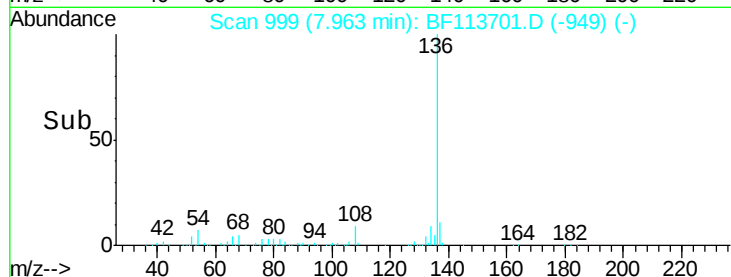


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 48.402 ng

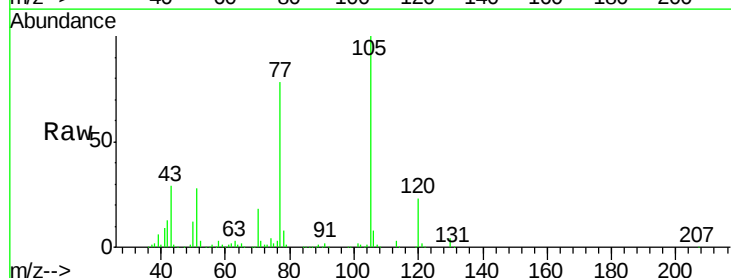
RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Tgt Ion:105	Resp:	456193
Ion Ratio	Lower	Upper
105	100	
71	3.0	3.3 4.9#
51	28.4	24.2 36.2
120	22.6	18.1 27.1

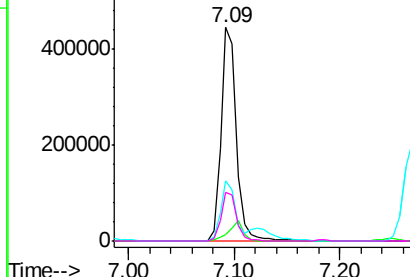
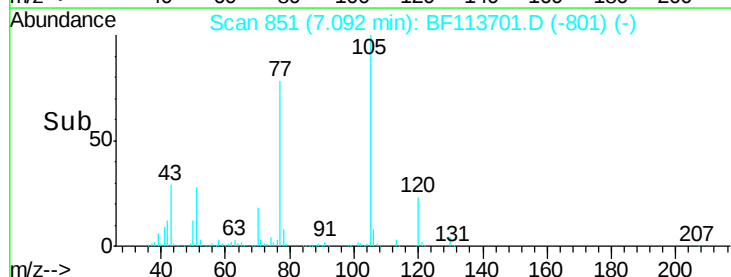


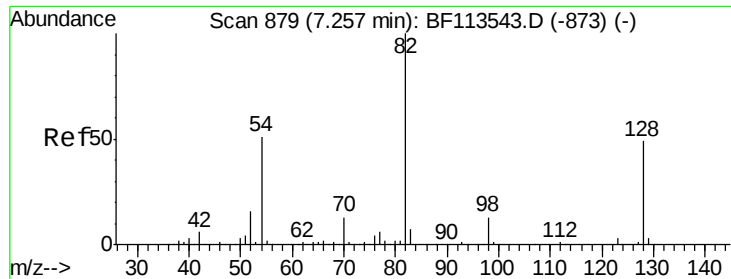
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

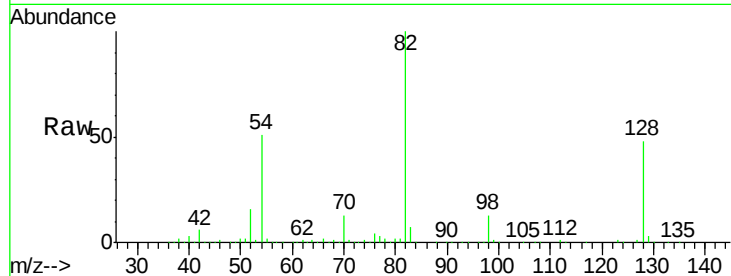




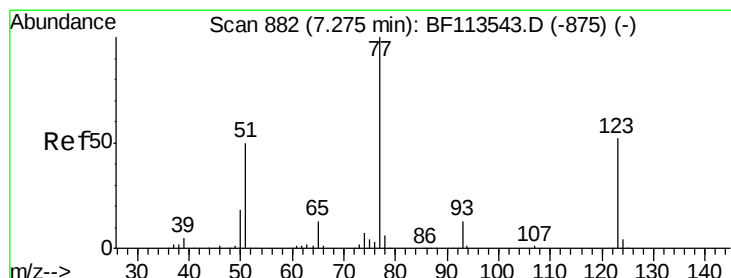
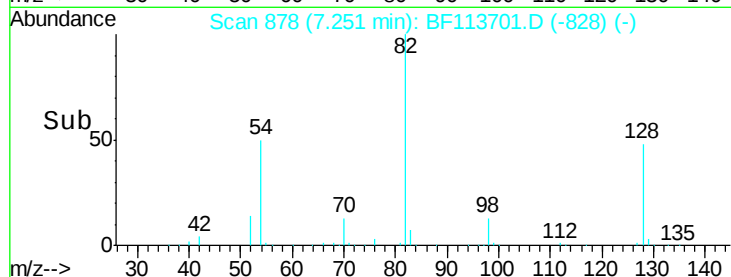
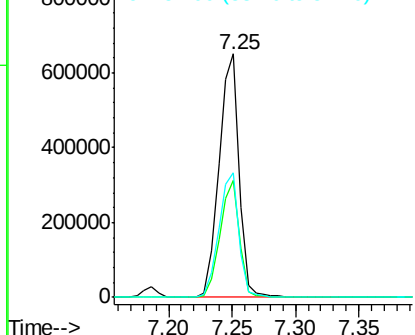
#23
 Nitrobenzene-d5
 Concen: 98.094 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	718652
Ion Ratio	Lower	Upper	
82	100		
128	48.2	36.5	54.7
54	51.0	42.2	63.2

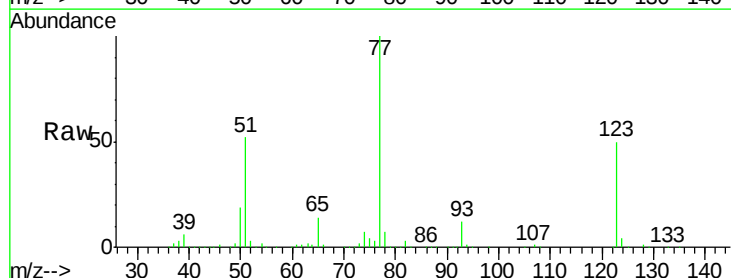


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

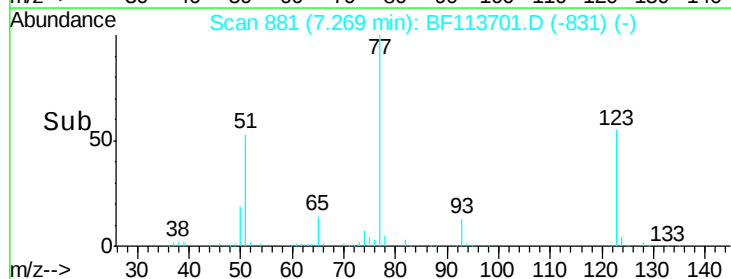
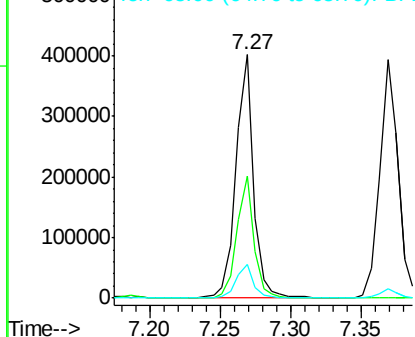


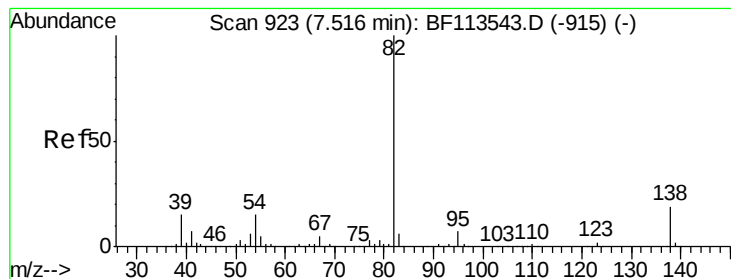
#24
 Nitrobenzene
 Concen: 45.617 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion	77	Resp	344167
Ion Ratio	Lower	Upper	
77	100		
123	50.2	40.8	61.2
65	13.7	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.418 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

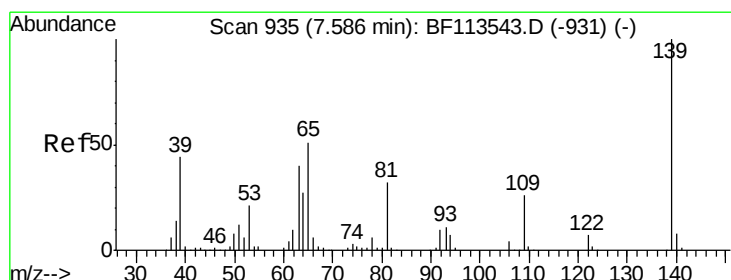
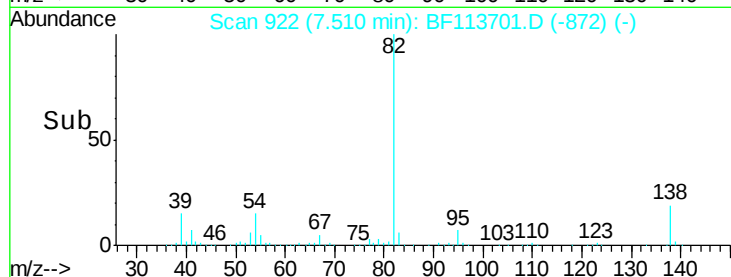
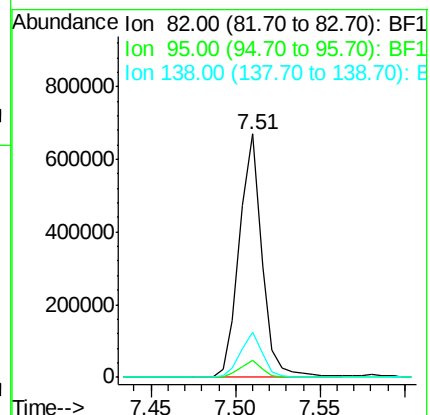
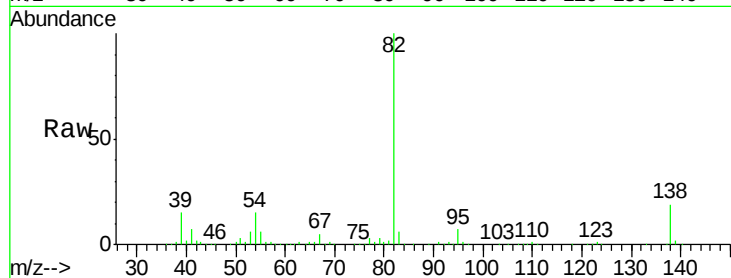
Tot Ion: 82 Resp: 626857

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 18.6 15.2 22.8



#26

2-Nitrophenol

Concen: 44.607 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

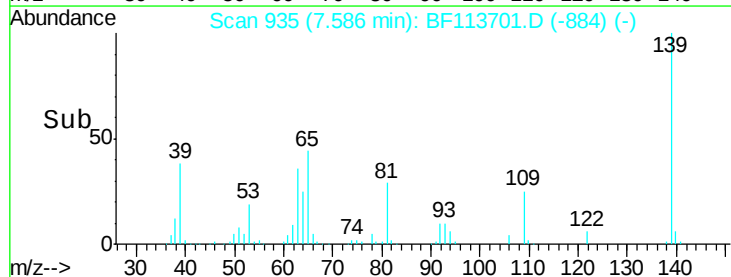
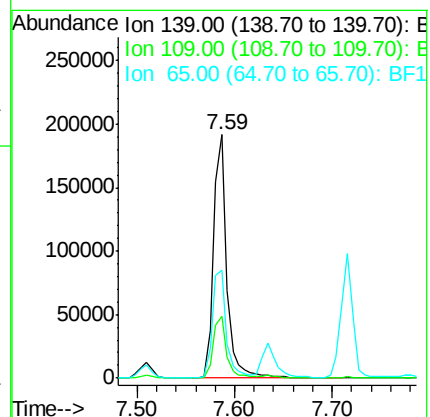
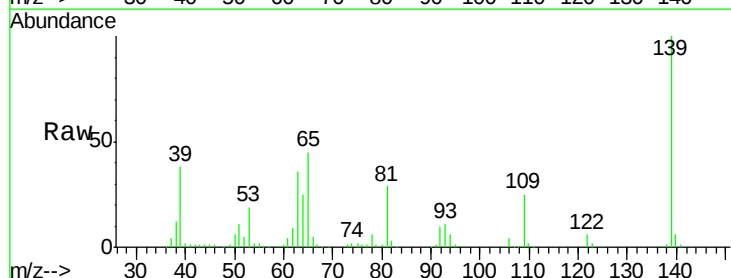
Tgt Ion: 139 Resp: 181129

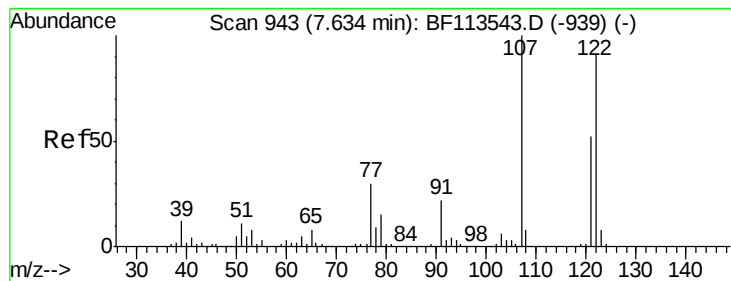
Ion Ratio Lower Upper

139 100

109 25.4 21.7 32.5

65 44.5 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 51.937 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

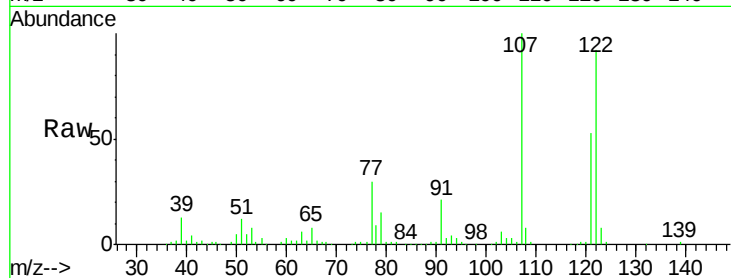
Tot Ion:122 Resp: 301497

Ion Ratio Lower Upper

122 100

107 109.1 88.8 133.2

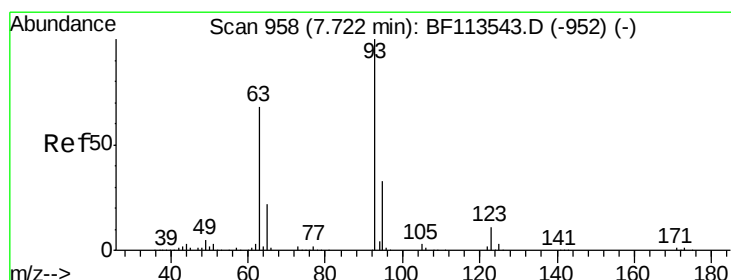
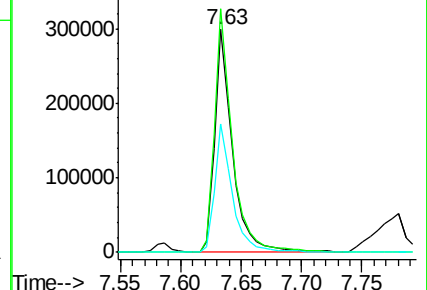
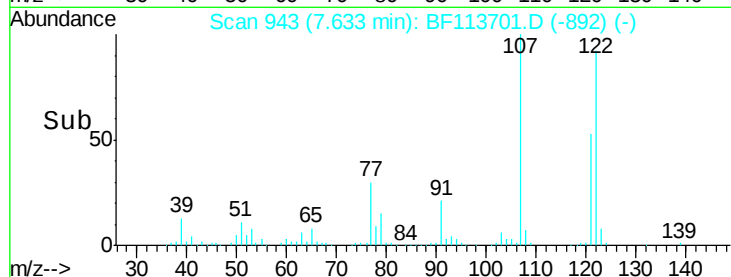
121 57.3 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.105 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

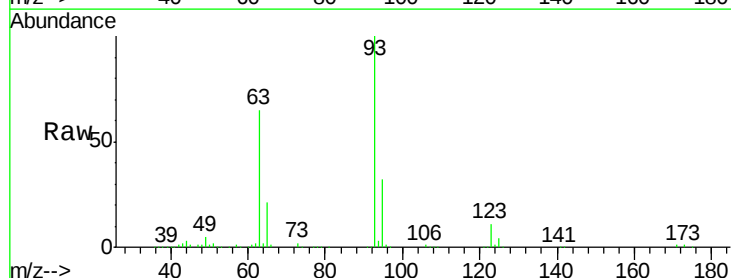
Tgt Ion: 93 Resp: 402451

Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

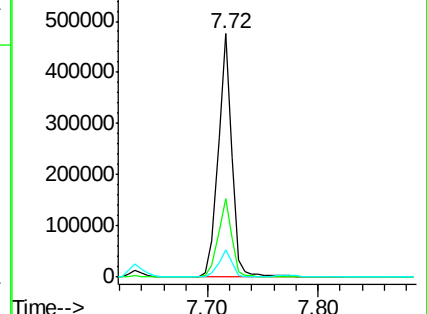
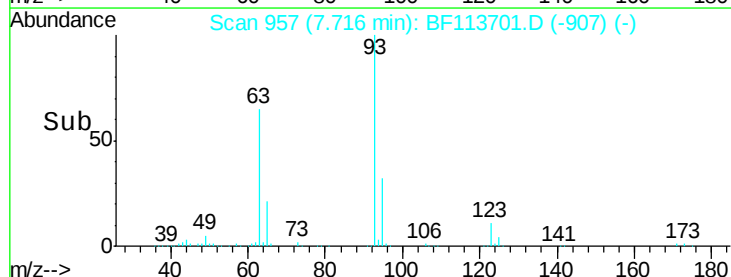
123 11.3 9.1 13.7

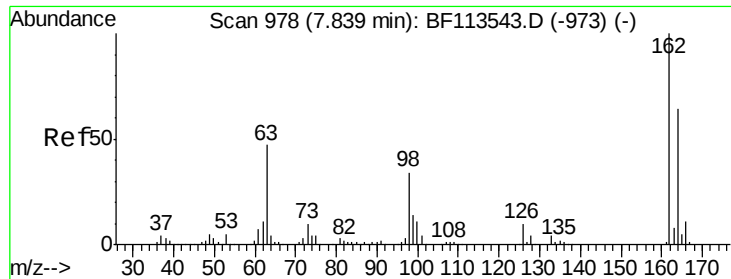


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

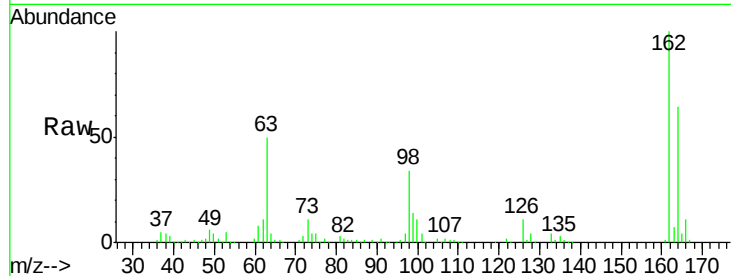




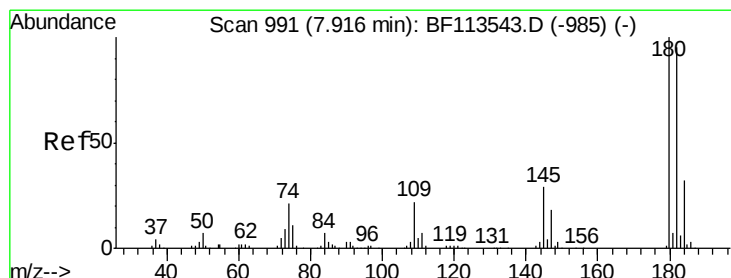
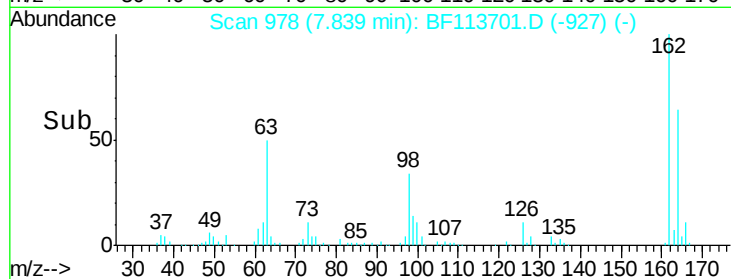
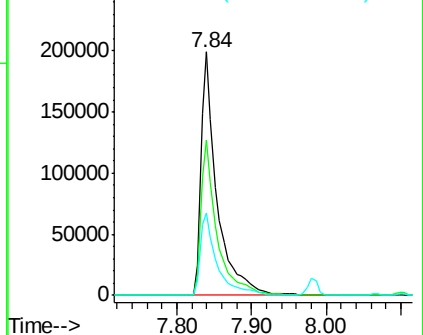
#29
 2,4-Dichlorophenol
 Concen: 47.917 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	33.8	15.6	55.6

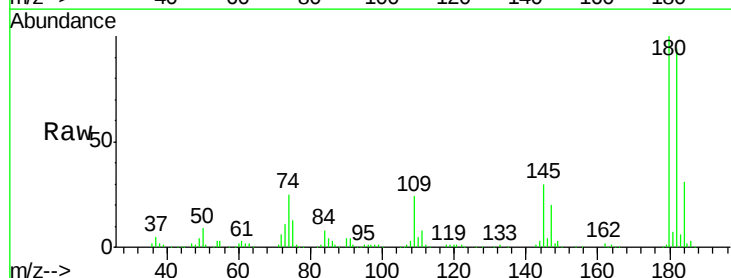


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

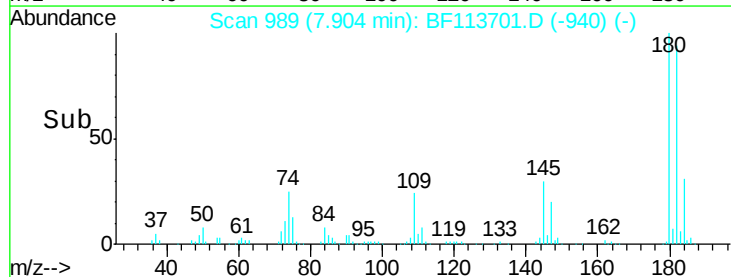
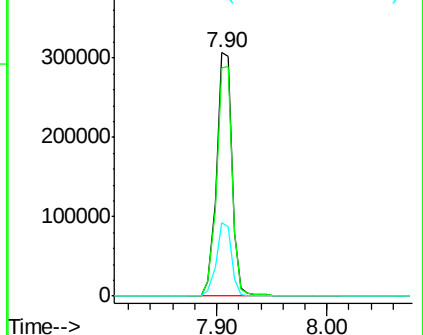


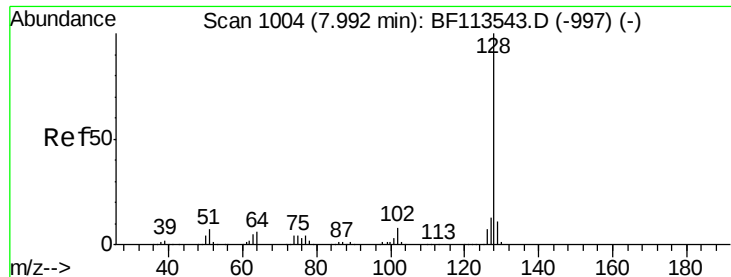
#30
 1,2,4-Trichlorobenzene
 Concen: 44.613 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	74.6	111.8
145	30.2	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

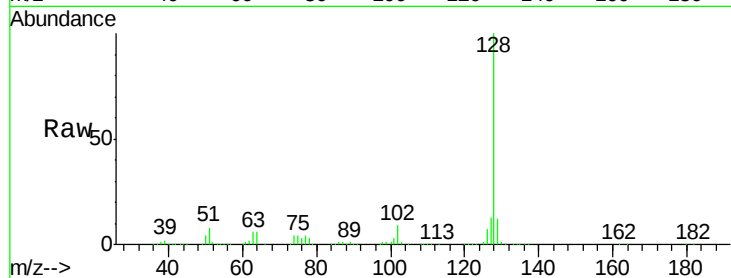




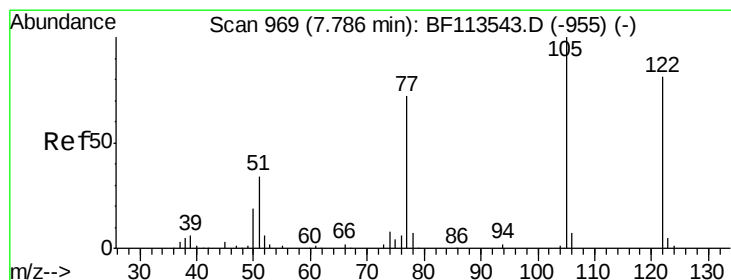
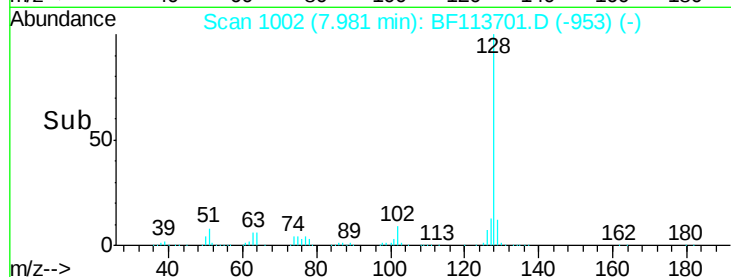
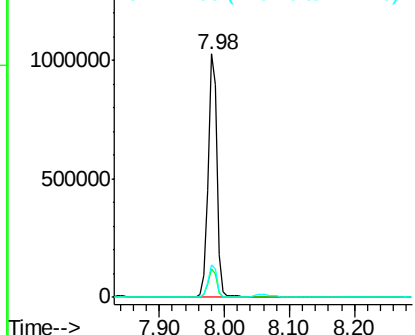
#31
Naphthalene
Concen: 46.720 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 971421
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.2 10.9 16.3

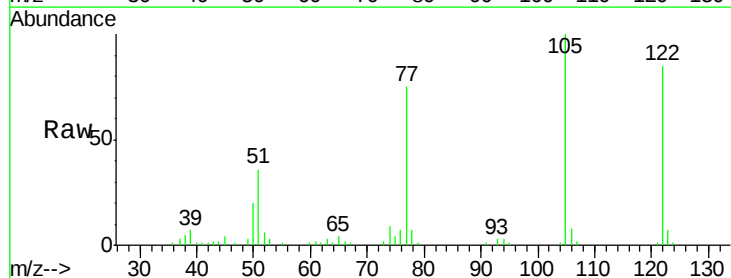


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

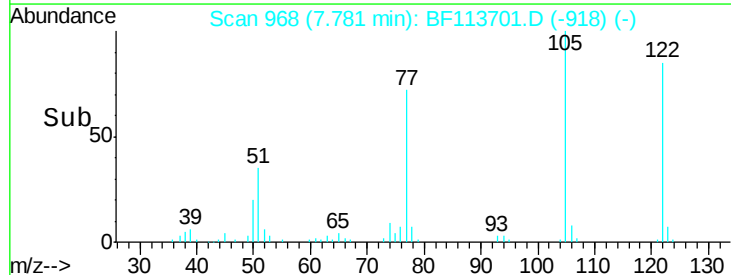
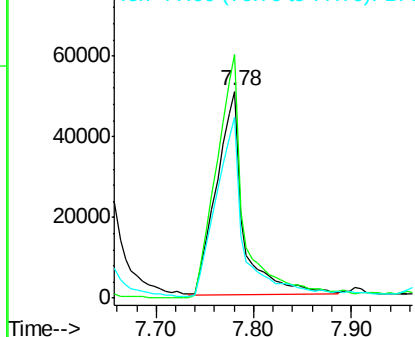


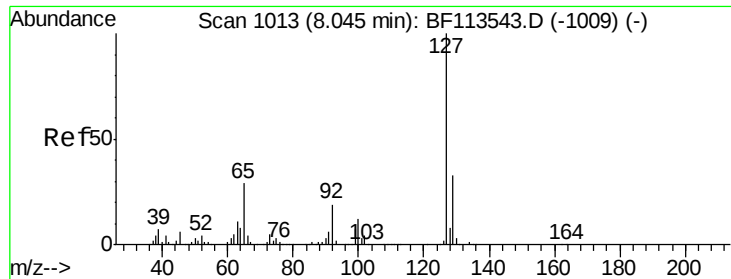
#32
Benzoic acid
Concen: 21.692 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion:122 Resp: 97510
Ion Ratio Lower Upper
122 100
105 117.6 100.4 140.4
77 87.7 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

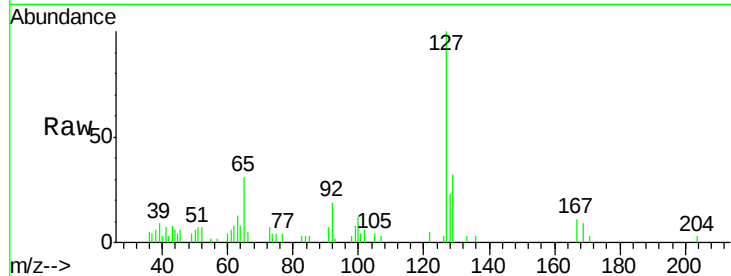




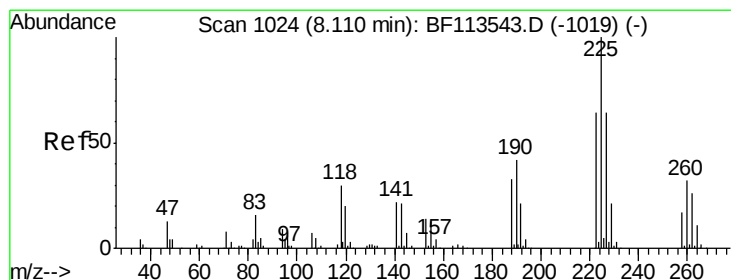
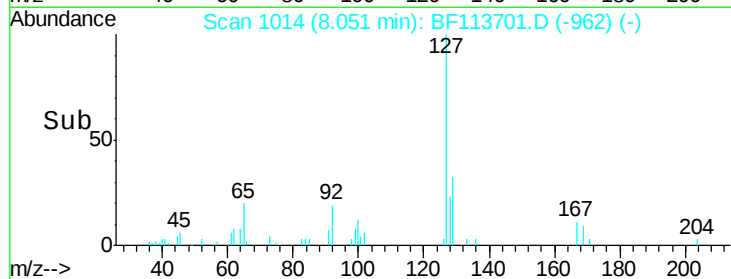
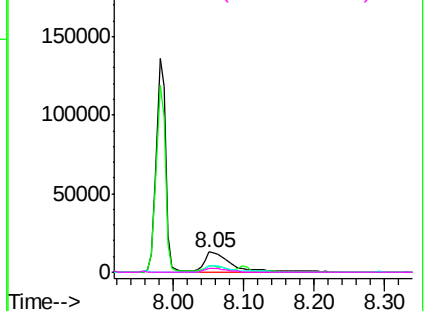
#33
4-Chloroaniline
Concen: 4.327 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	35674
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	31.3	24.2	36.4
92	18.9	15.0	22.6

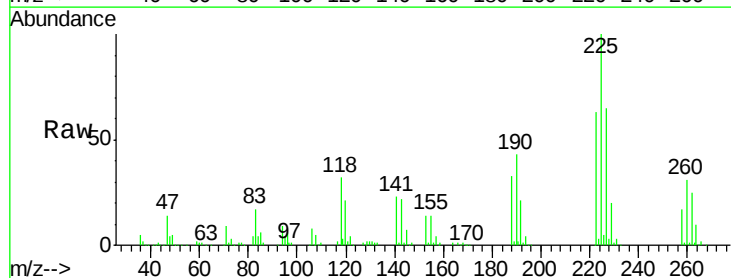


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

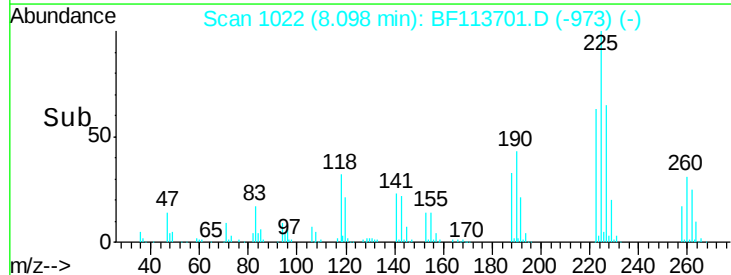
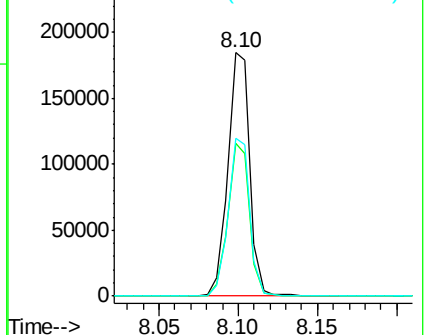


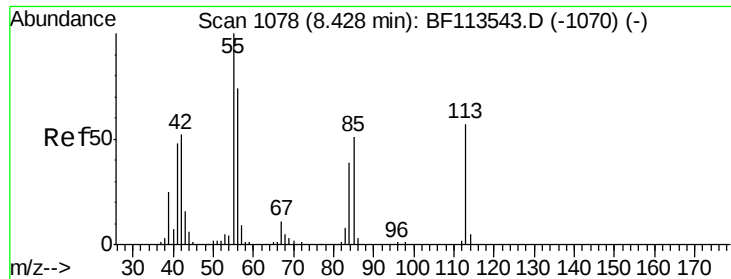
#34
Hexachlorobutadiene
Concen: 42.834 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion:	225	Resp:	176143
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	64.7	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

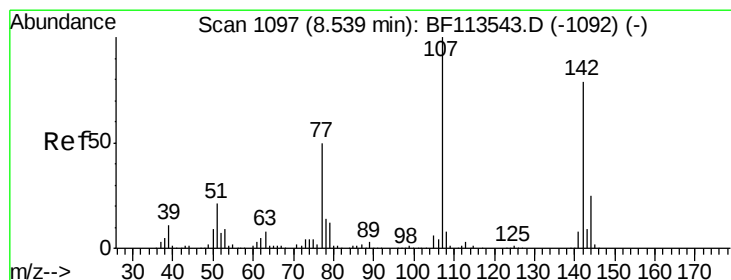
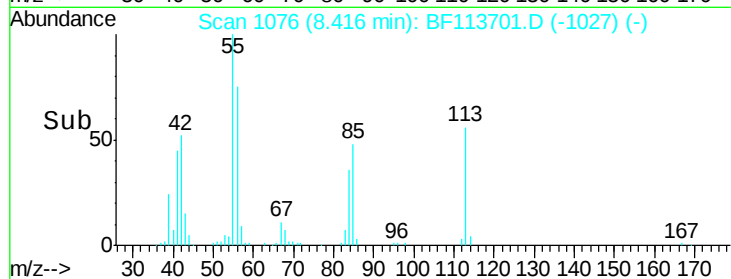
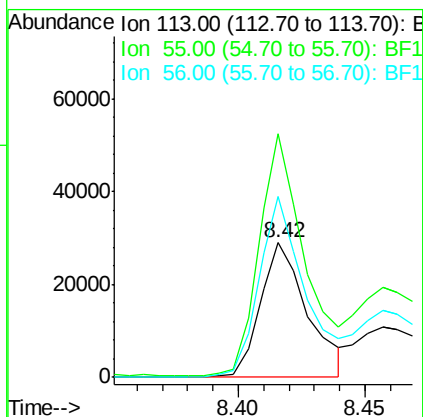
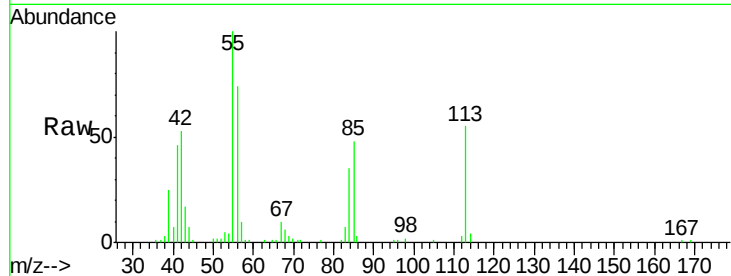




#35
 Caprolactam
 Concen: 19.037 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

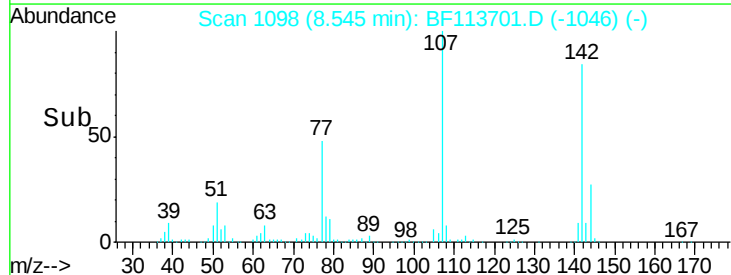
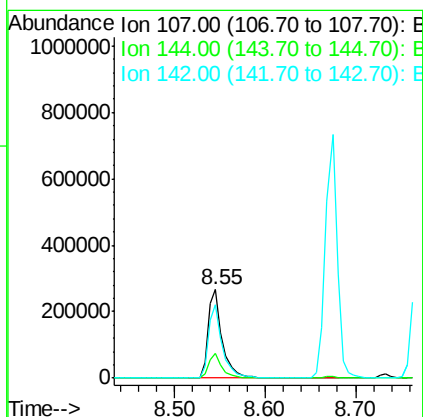
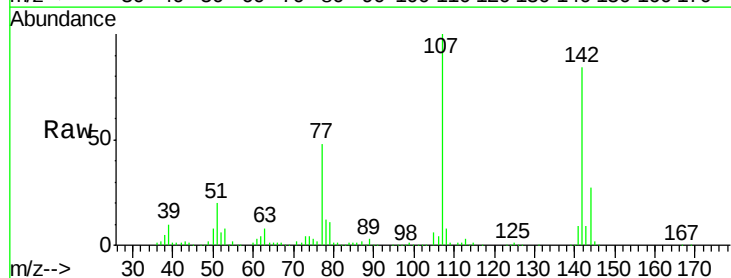
Instrument :
 BNA_F
 ClientSampleId :

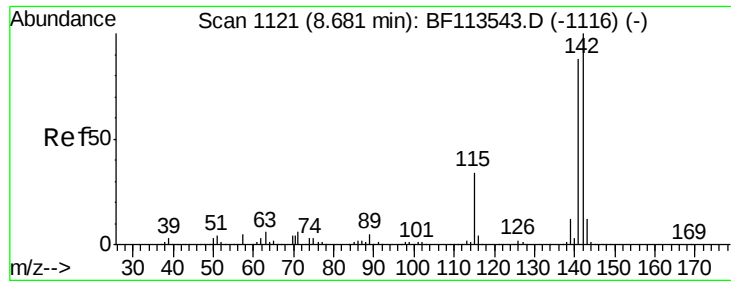
Tot Ion:113 Resp: 37534
 Ion Ratio Lower Upper
 113 100
 55 181.2 152.7 192.7
 56 134.3 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.712 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion:107 Resp: 291245
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.4 32.0
 142 83.5 65.6 98.4

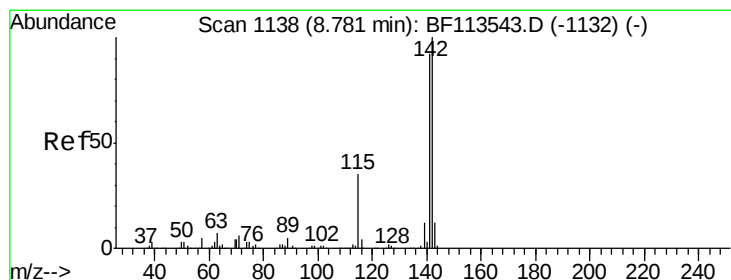
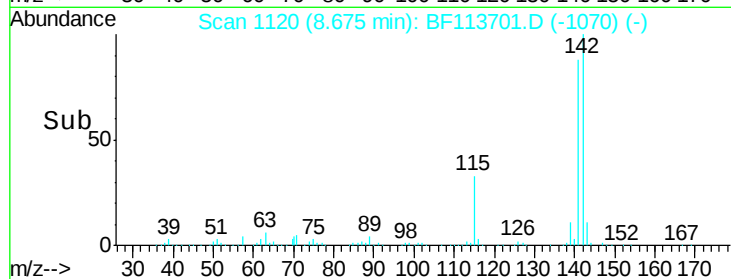
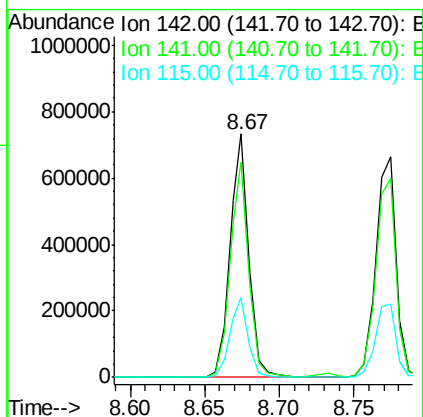
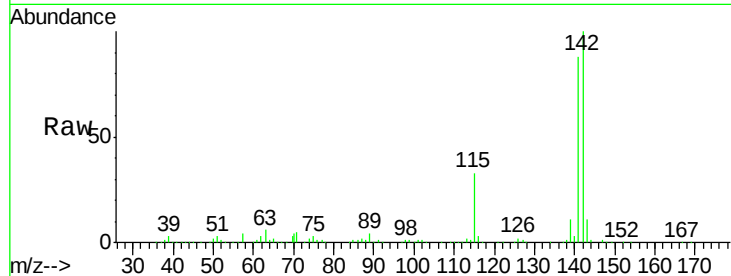




#37
2-Methylnaphthalene
Concen: 47.347 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

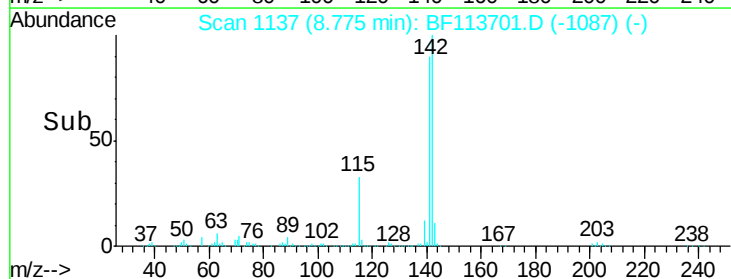
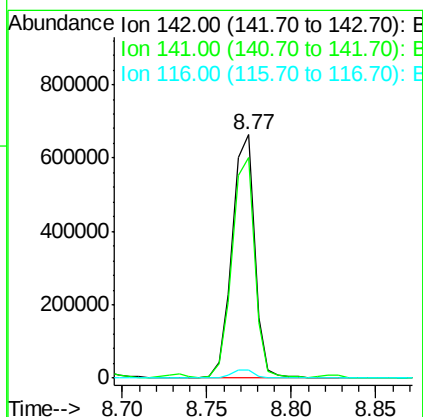
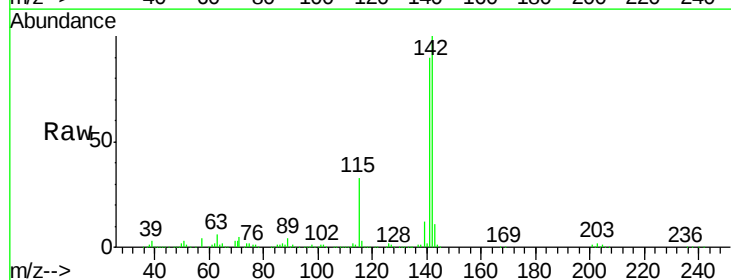
Instrument :
BNA_F
ClientSampleId :

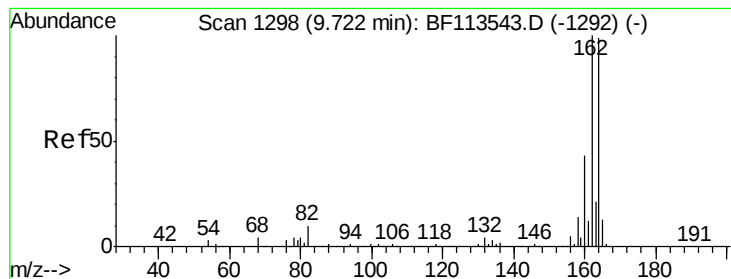
Tot Ion:142 Resp: 647471
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 32.6 26.6 39.8



#38
1-Methylnaphthalene
Concen: 46.390 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion:142 Resp: 611710
Ion Ratio Lower Upper
142 100
141 90.4 73.2 109.8
116 3.4 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

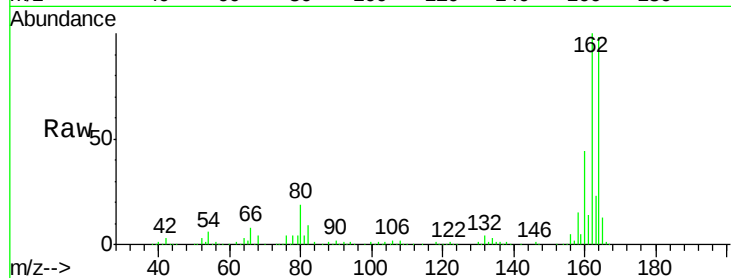
Tot Ion:164 Resp: 202517

Ion Ratio Lower Upper

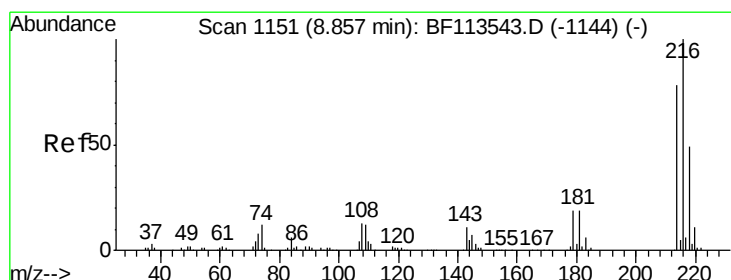
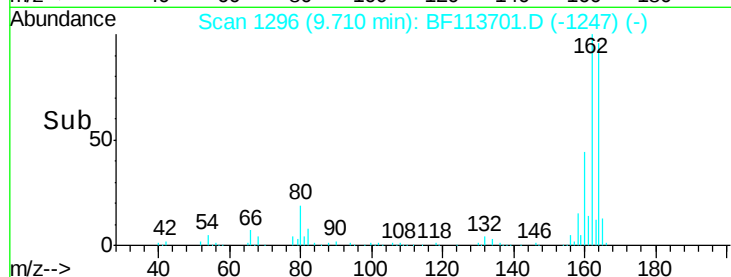
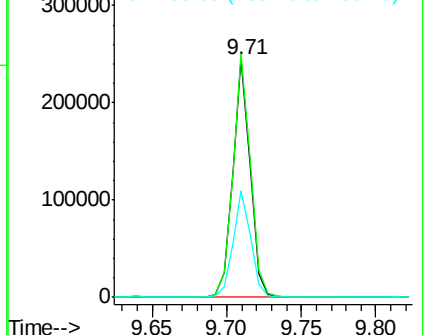
164 100

162 102.2 81.8 122.6

160 44.8 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.159 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Tgt Ion:216 Resp: 308871

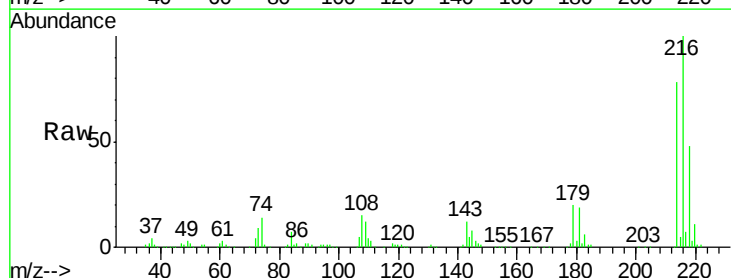
Ion Ratio Lower Upper

216 100

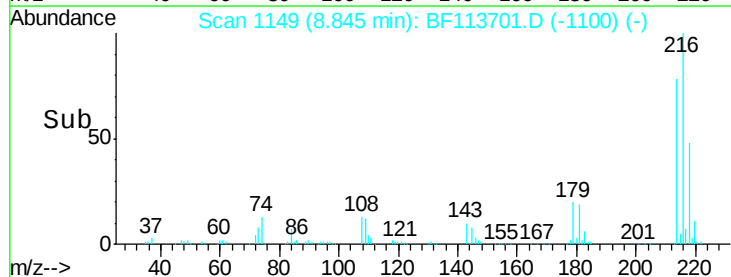
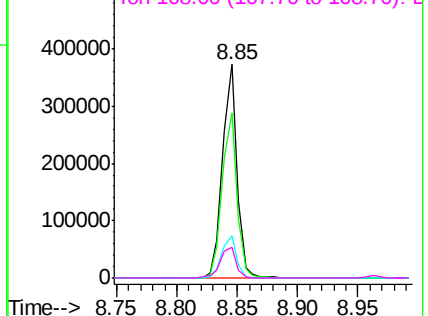
214 79.0 63.0 94.6

179 20.1 16.8 25.2

108 16.2 13.8 20.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

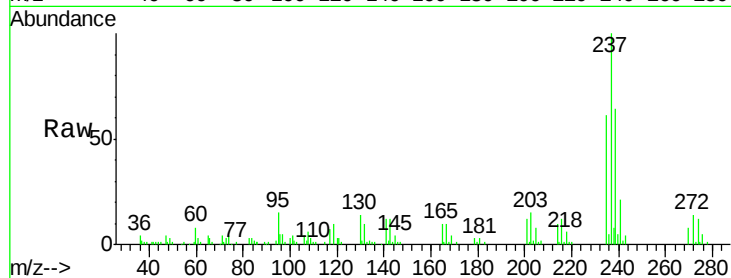




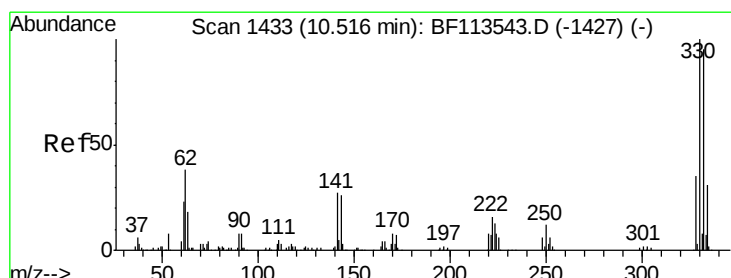
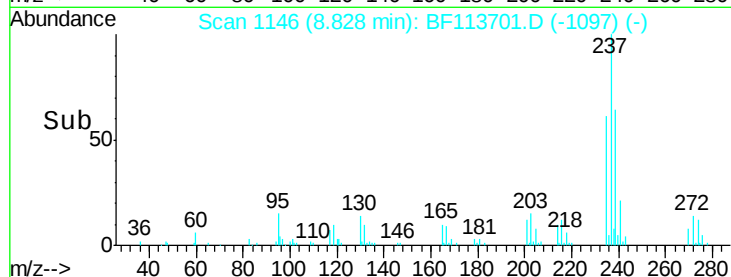
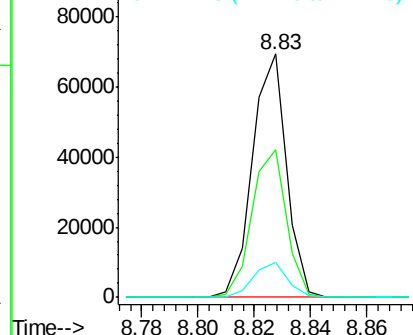
#41
Hexachlorocyclopentadiene
Concen: 34.437 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 57974
Ion Ratio Lower Upper
237 100
235 60.7 43.4 83.4
272 14.2 0.0 33.7

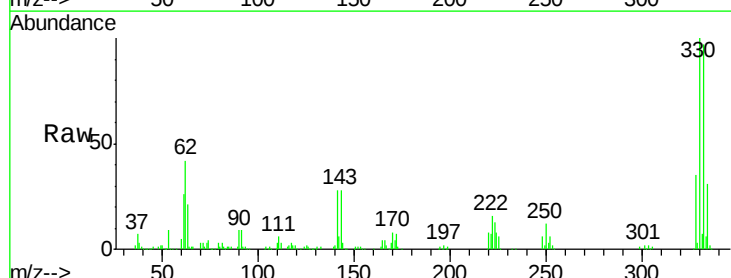


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

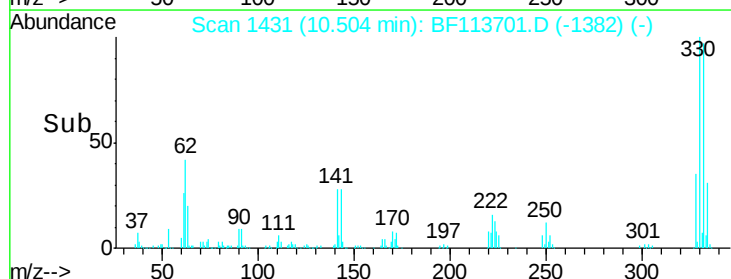
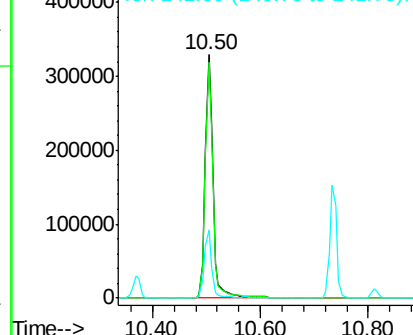


#42
2,4,6-Tribromophenol
Concen: 138.242 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion:330 Resp: 336305
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.6
141 26.6 22.7 34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

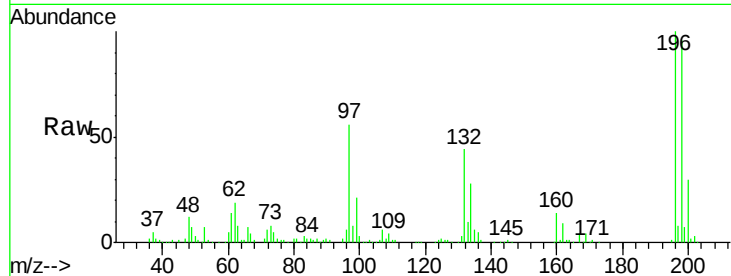




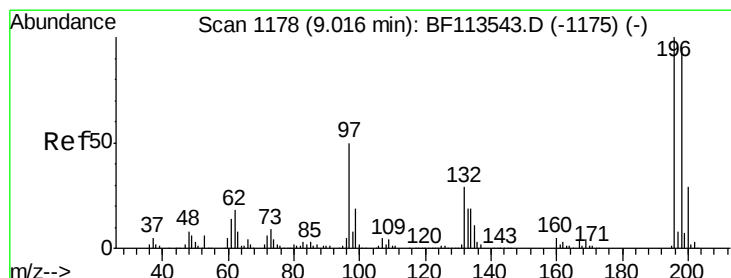
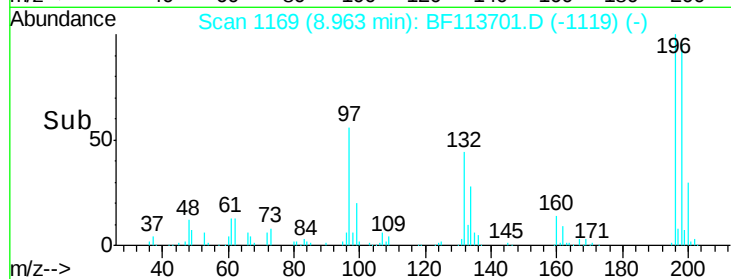
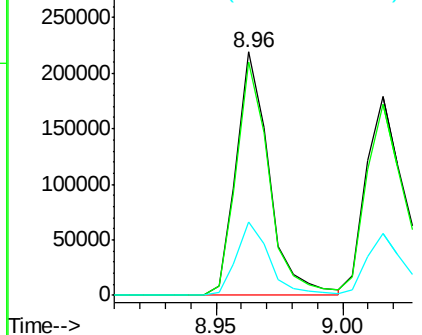
#43
 2,4,6-Trichlorophenol
 Concen: 47.837 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	197771
Ion Ratio	Lower	Upper	
196	100		
198	95.9	77.7	116.5
200	30.1	24.9	37.3



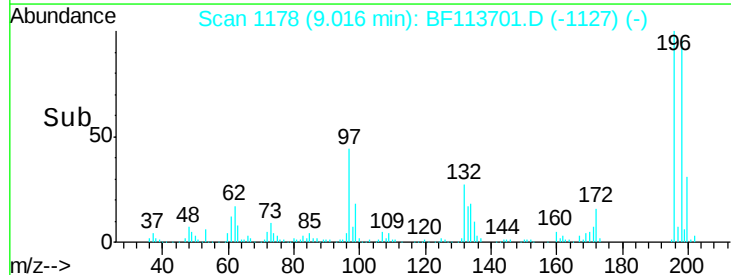
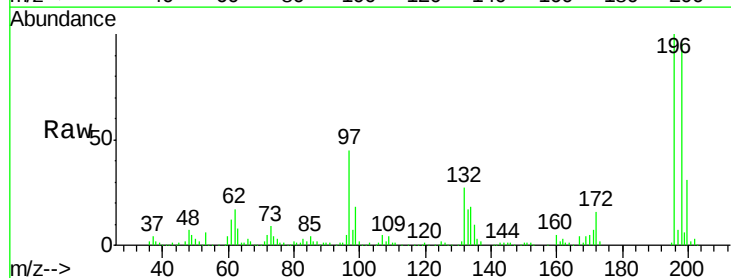
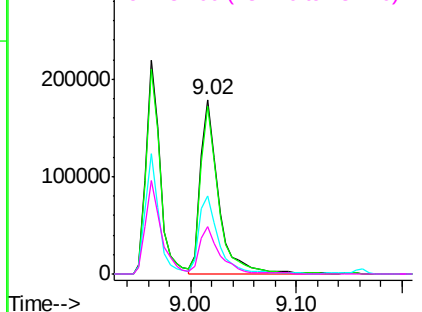
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

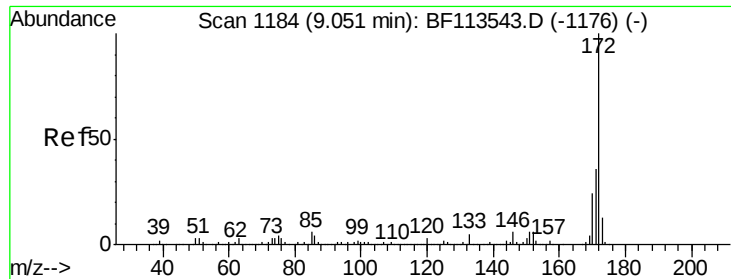


#44
 2,4,5-Trichlorophenol
 Concen: 47.556 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion	196	Resp	211076
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.4	113.2
97	44.7	38.6	58.0
132	27.1	22.9	34.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

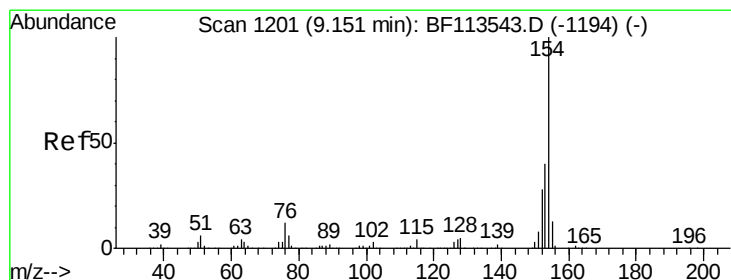
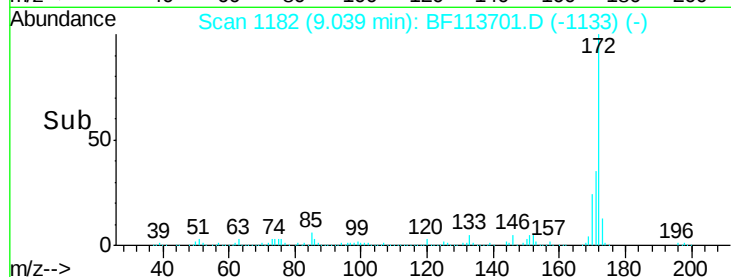
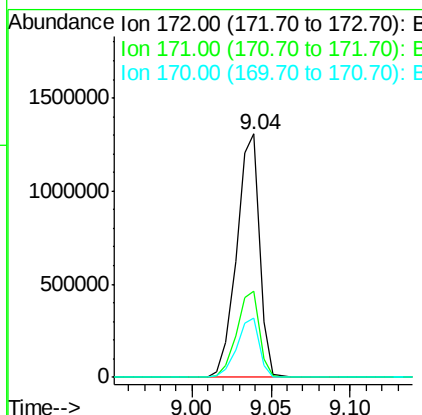
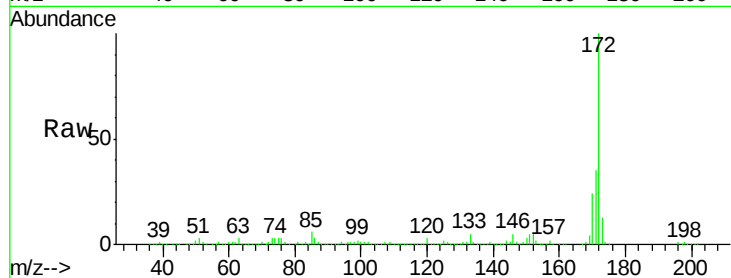




#45
2-Fluorobiphenyl
Concen: 103.405 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

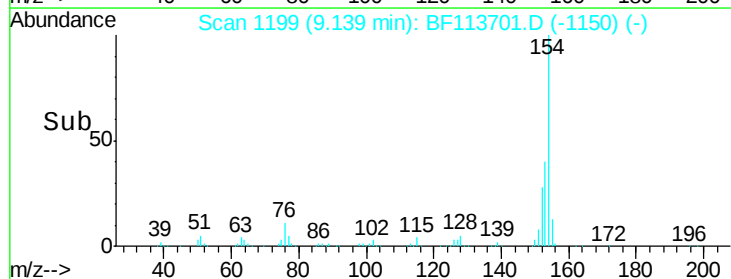
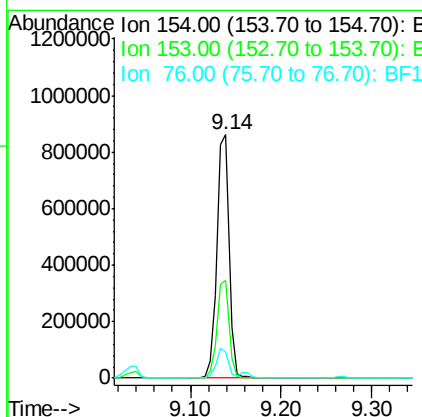
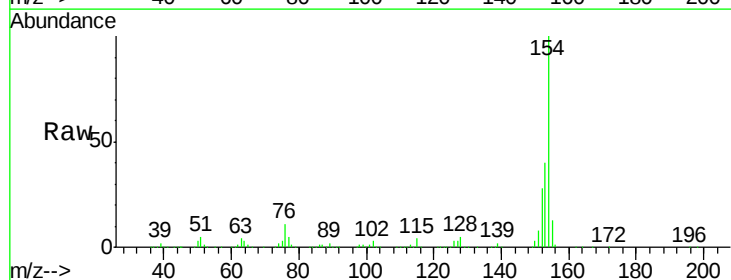
Instrument :
BNA_F
ClientSampleId :

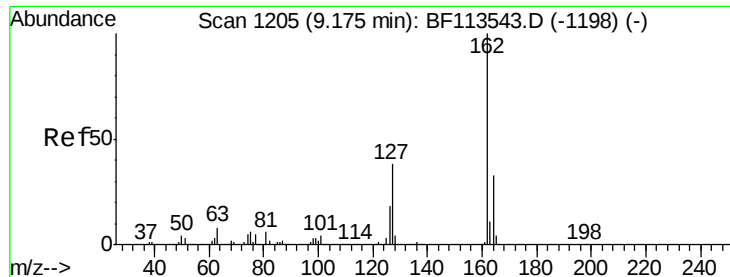
Tot Ion:172 Resp: 1300787
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 24.1 19.5 29.3



#46
1,1'-Biphenyl
Concen: 47.884 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion:154 Resp: 800208
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 10.8 0.0 31.9

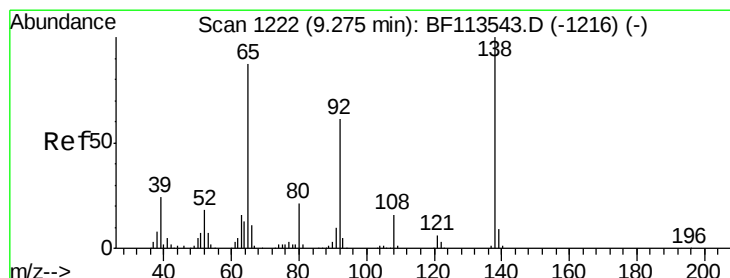
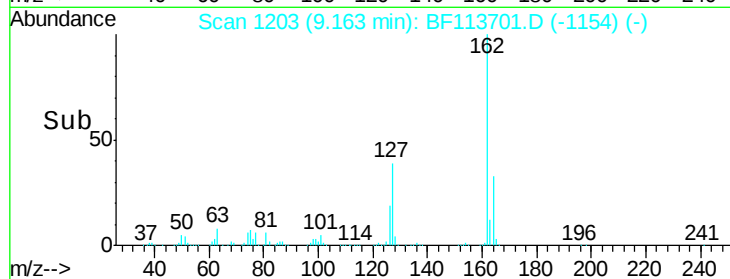
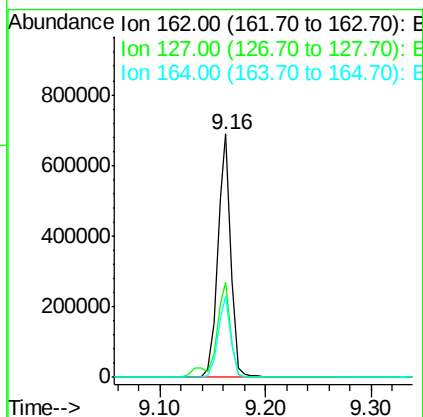
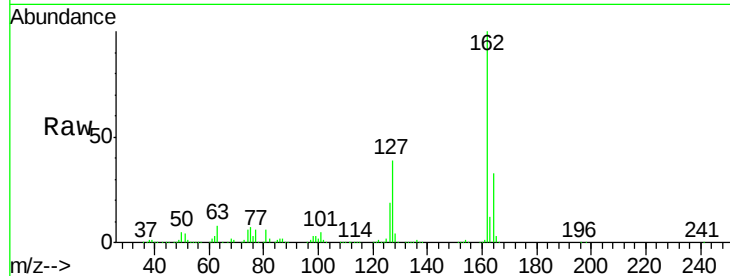




#47
 2-Chloronaphthalene
 Concen: 47.457 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

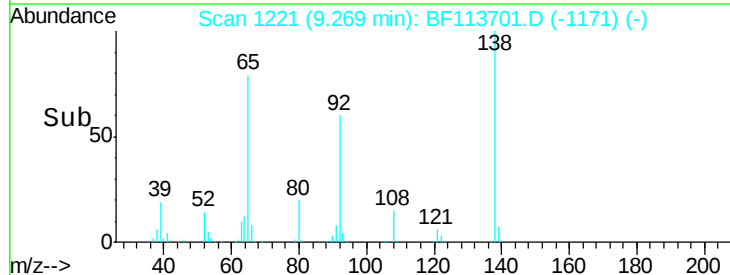
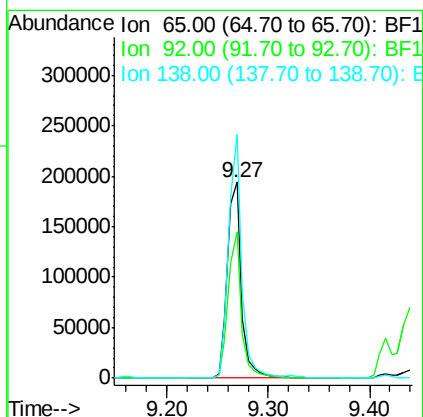
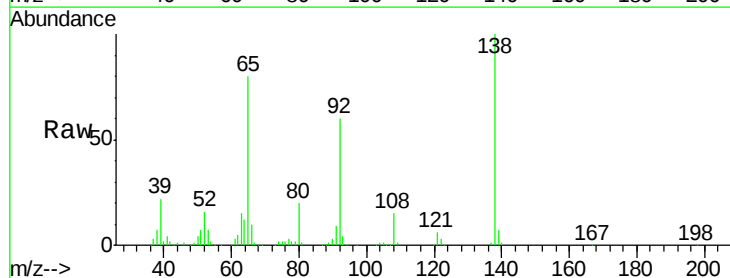
Instrument :
 BNA_F
 ClientSampleId :

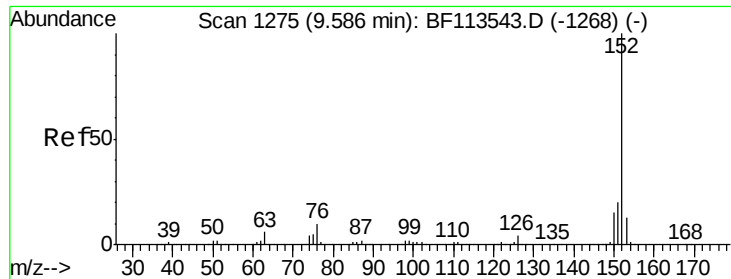
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.6	49.0
164	33.4	26.6	39.8



#48
 2-Nitroaniline
 Concen: 48.517 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	56.8	85.2
138	124.4	92.3	138.5





#49

Acenaphthylene

Concen: 46.473 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampled :

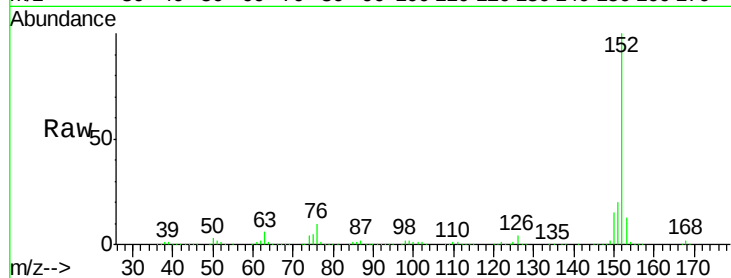
Tot Ion:152 Resp: 956172

Ion Ratio Lower Upper

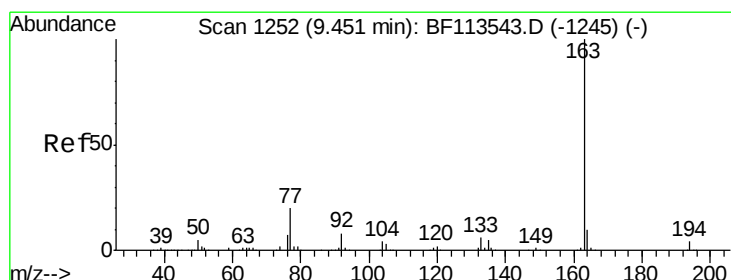
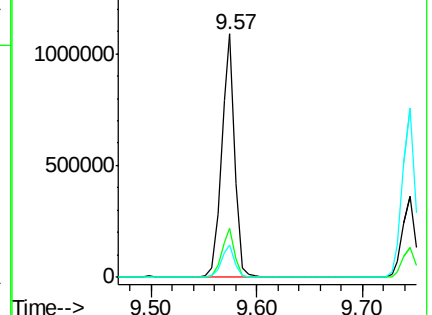
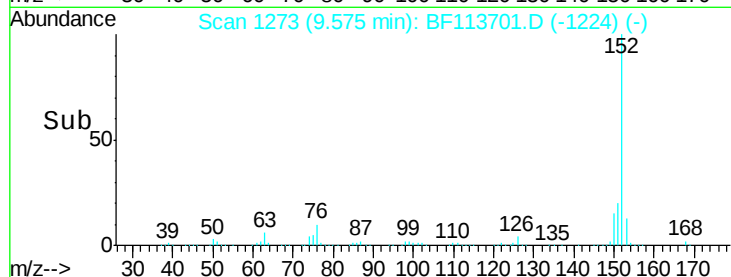
152 100

151 20.1 16.2 24.4

153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.241 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

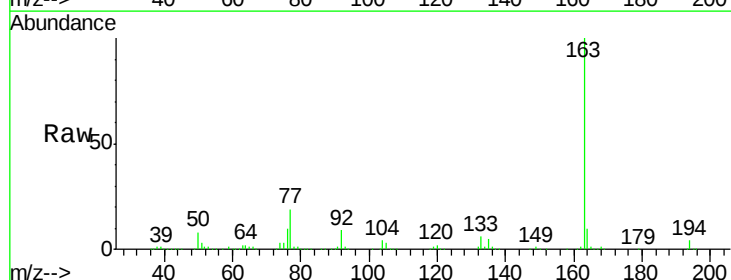
Tgt Ion:163 Resp: 705225

Ion Ratio Lower Upper

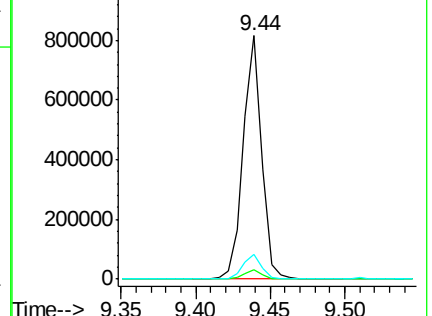
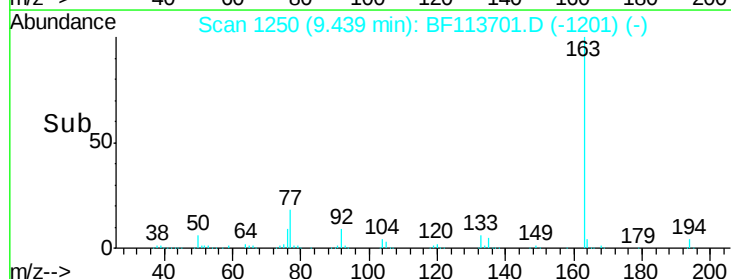
163 100

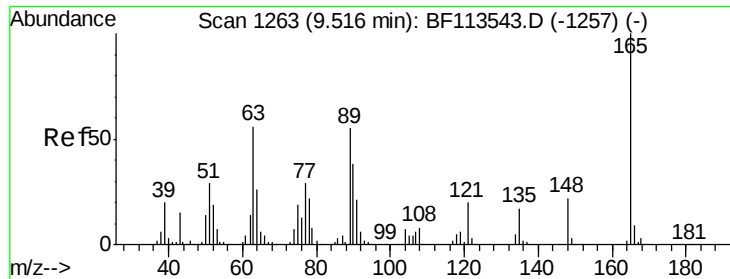
194 3.8 3.0 4.6

164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

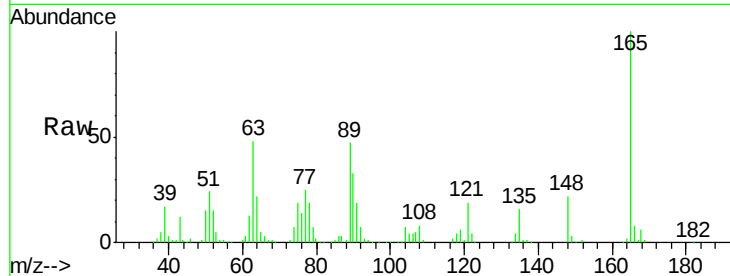




#51
 2,6-Dinitrotoluene
 Concen: 46.899 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Instrument :
 BNA_F
 ClientSampleId :

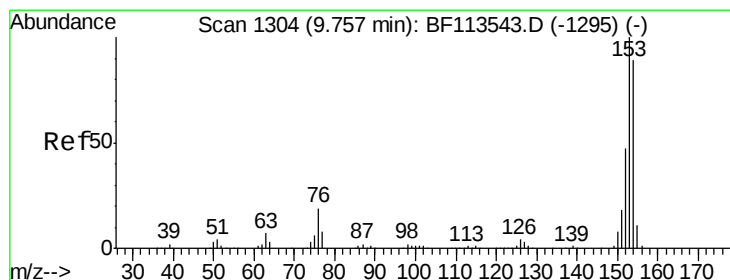
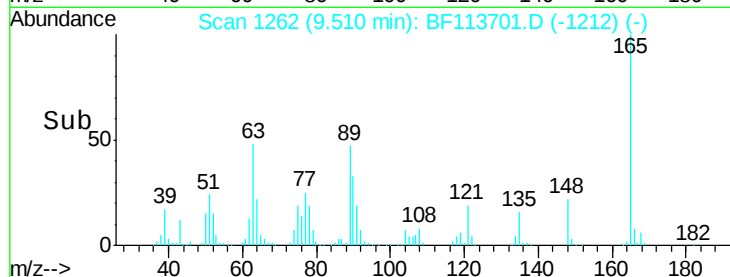
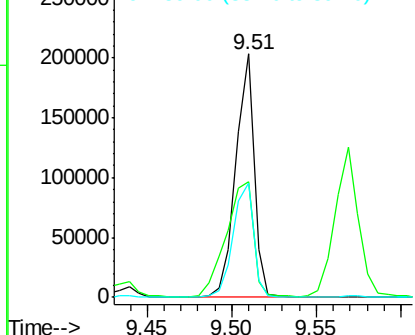
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.5	43.4	65.0
89	46.7	43.1	64.7



Abundance Ion 165.00 (164.70 to 165.70): E

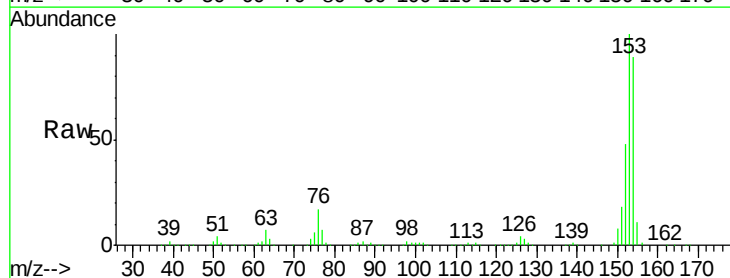
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 47.395 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

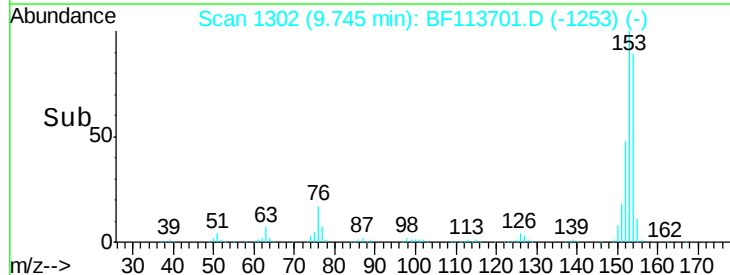
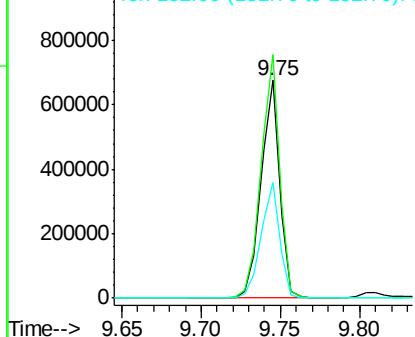
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	53.3	43.3	64.9

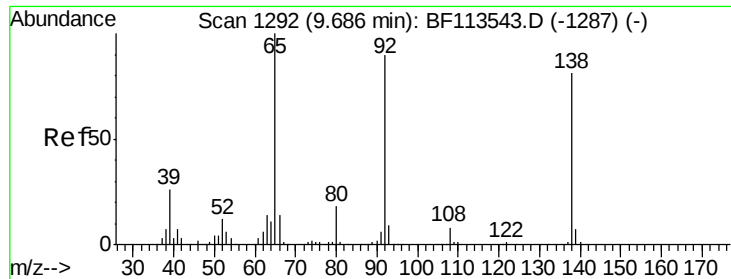


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

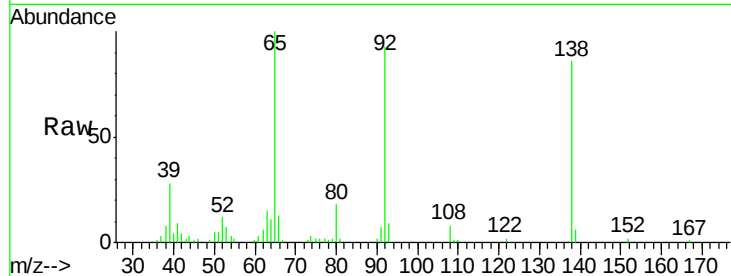




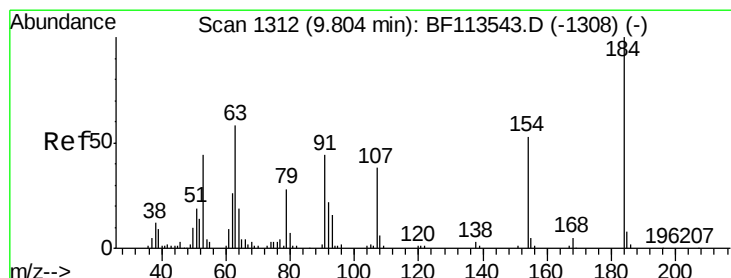
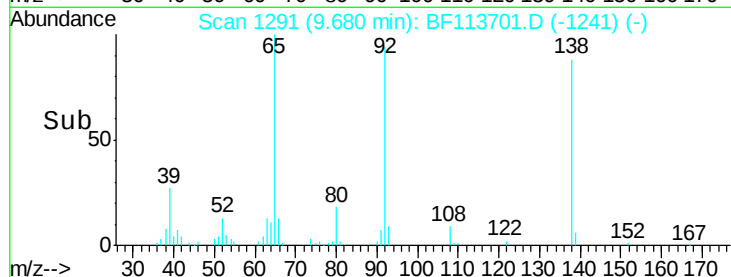
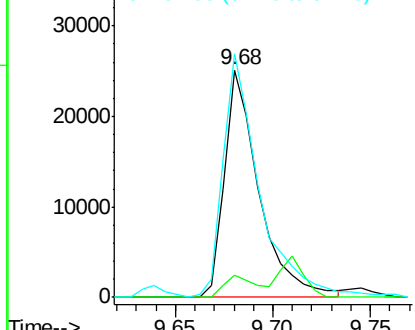
#53
3-Nitroaniline
Concen: 8.276 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 30962
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 107.3 82.6 124.0

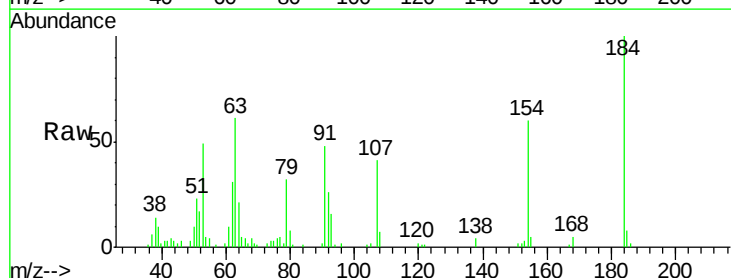


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

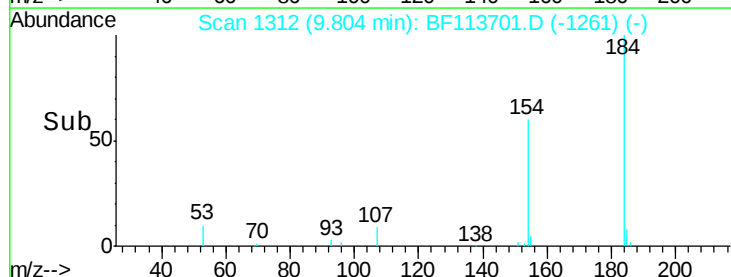
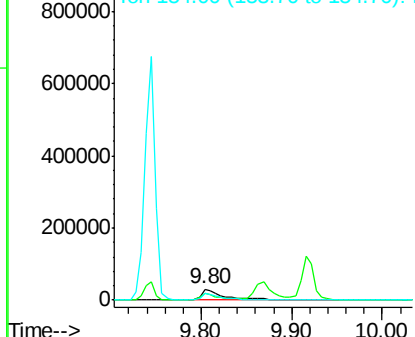


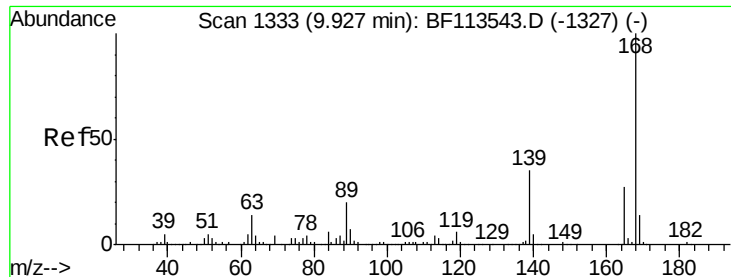
#54
2,4-Dinitrophenol
Concen: 33.194 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion:184 Resp: 51102
Ion Ratio Lower Upper
184 100
63 60.6 54.3 81.5
154 59.8 48.4 72.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 47.714 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

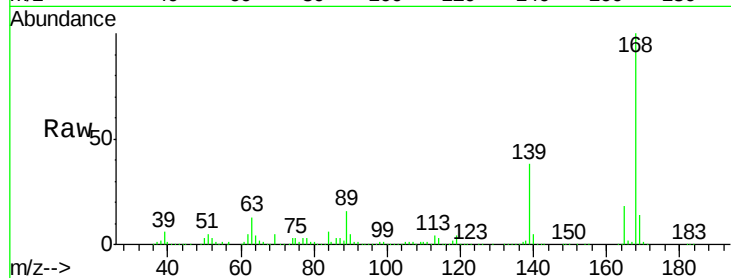
Tot Ion:168 Resp: 824334

Ion Ratio Lower Upper

168 100

139 37.6 29.7 44.5

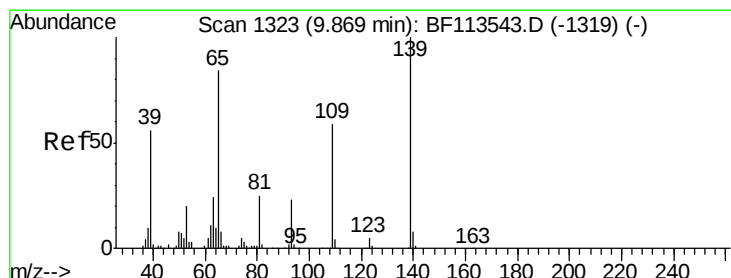
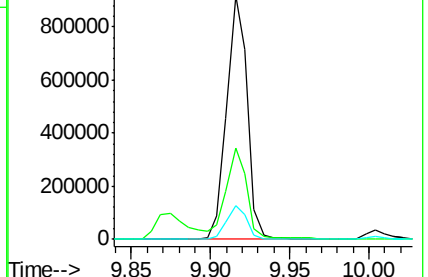
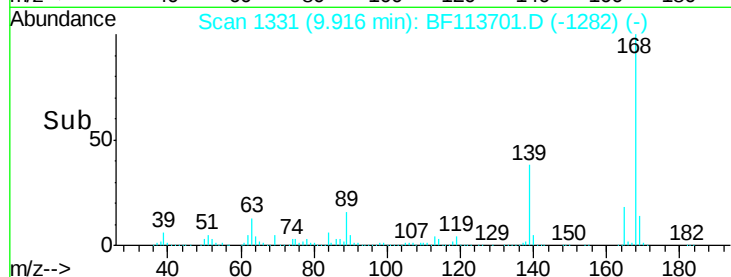
169 14.0 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 61.196 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

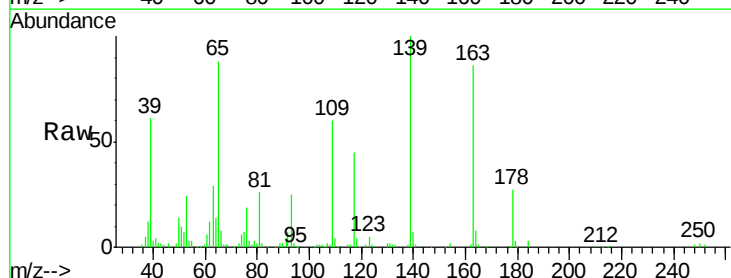
Tgt Ion:139 Resp: 142023

Ion Ratio Lower Upper

139 100

109 59.7 46.9 86.9

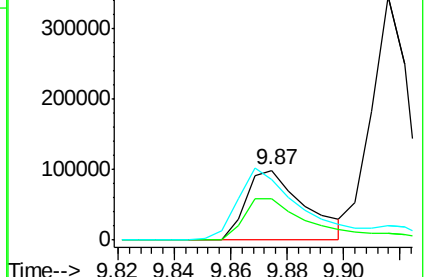
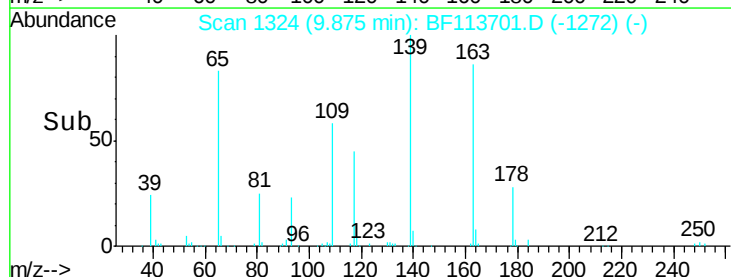
65 87.8 77.2 117.2

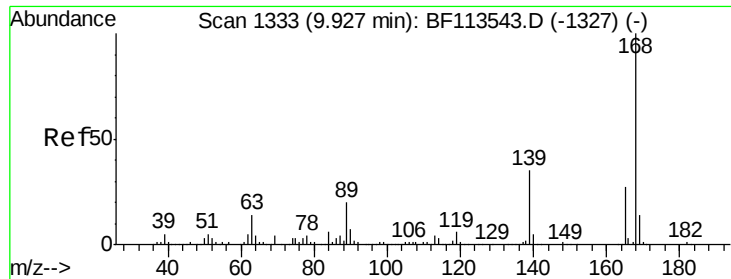


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

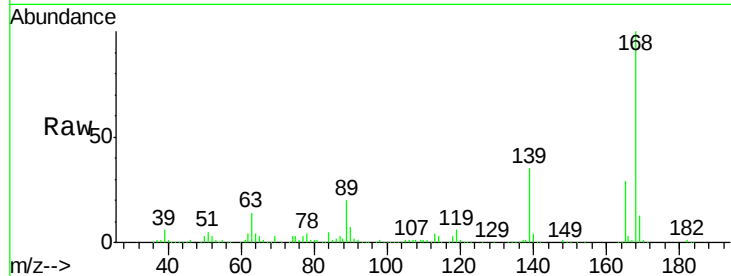




#57
2,4-Dinitrotoluene
Concen: 47.545 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.6	37.5	56.3
89	70.7	57.4	86.2
182	2.5	2.0	3.0



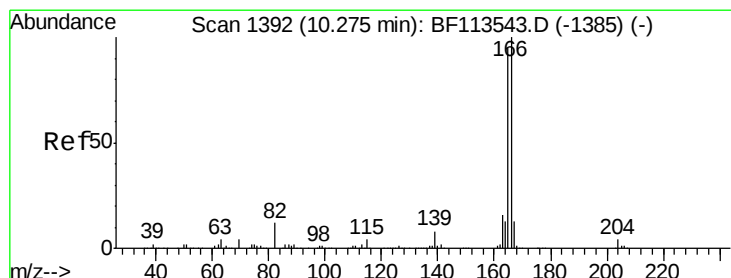
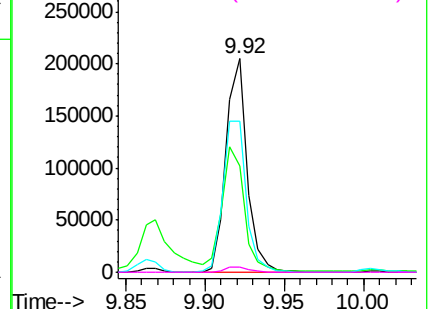
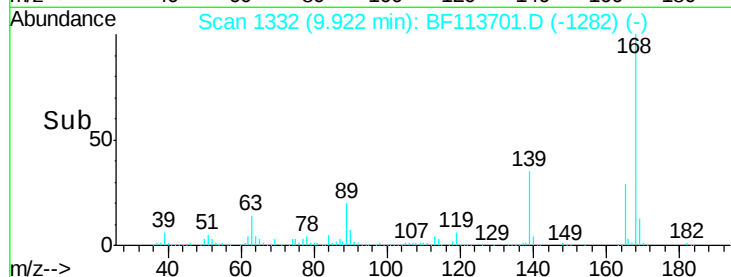
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

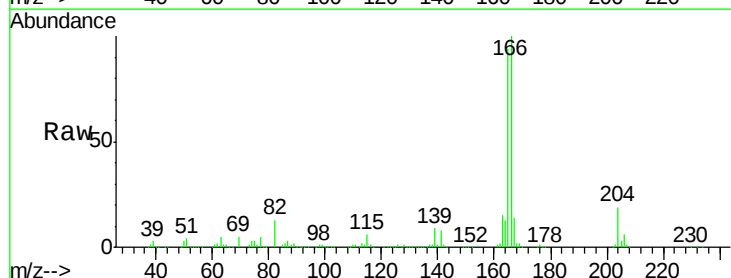
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.370 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	76.2	114.2
167	13.8	10.7	16.1

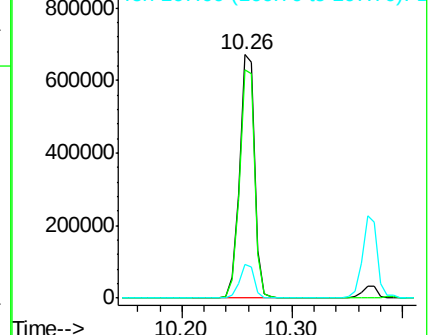
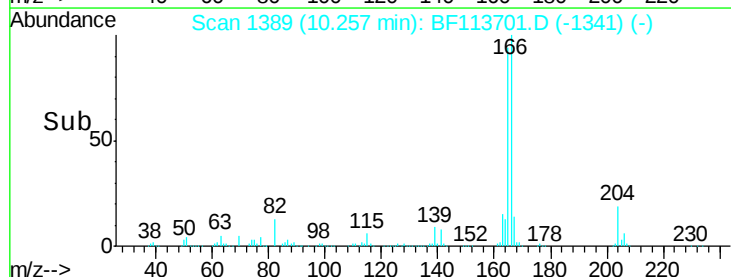


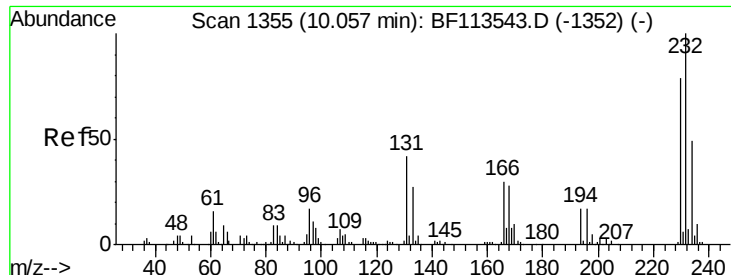
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

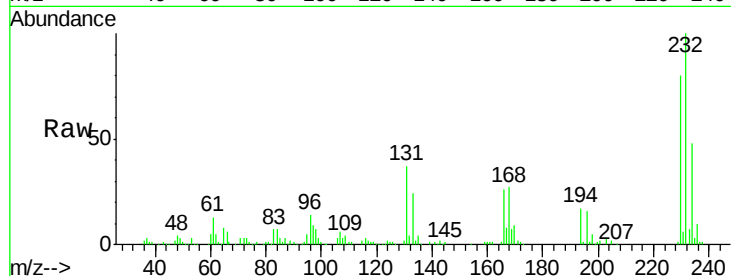




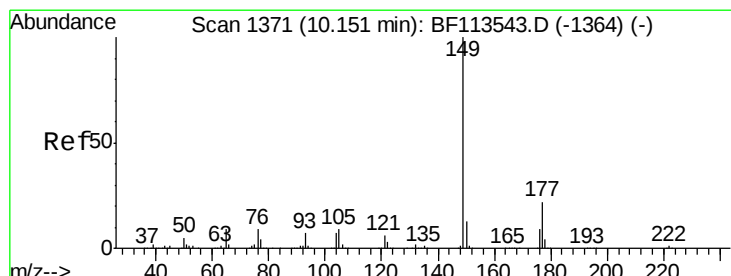
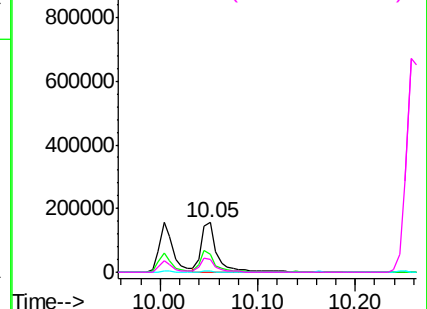
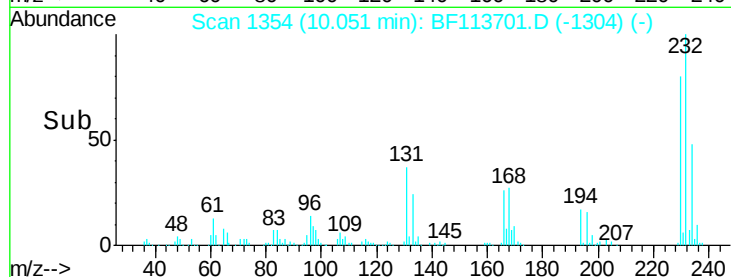
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.529 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.9	33.2	49.8
130	1.8	1.6	2.4
166	27.4	21.0	31.6

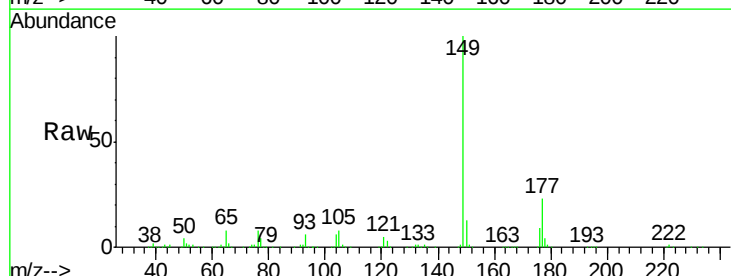


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

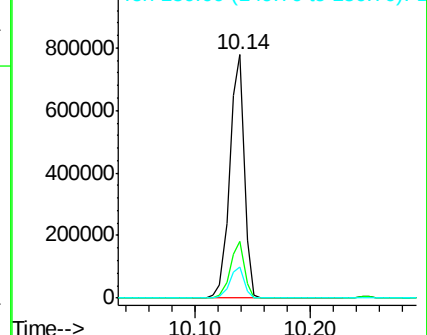
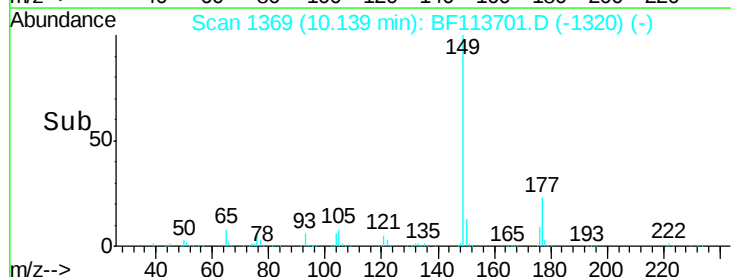


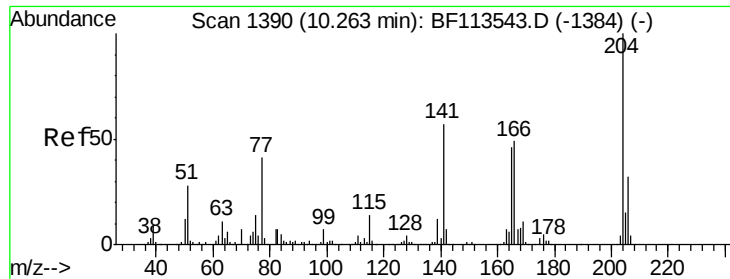
#60
 Diethylphthalate
 Concen: 47.243 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.4	26.0
150	12.6	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

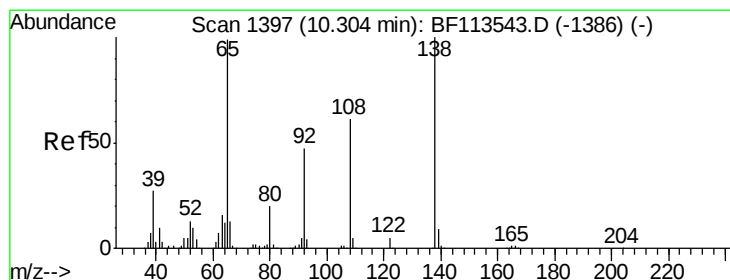
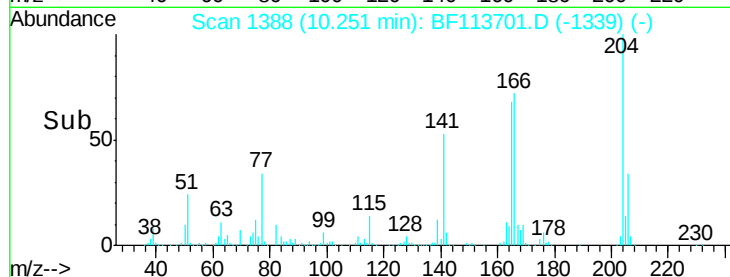
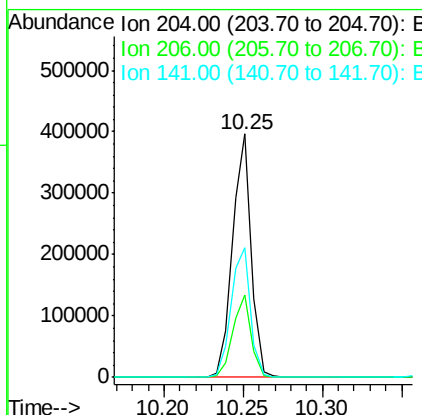
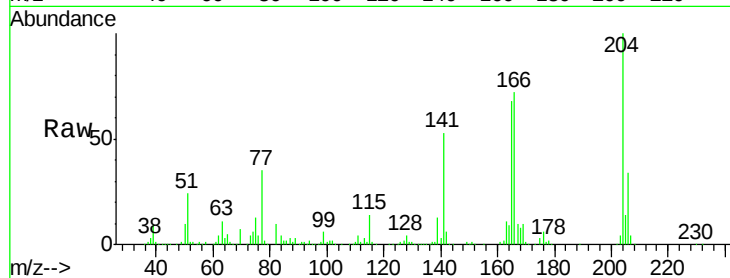




#61
 4-Chlorophenyl-phenylether
 Concen: 48.071 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

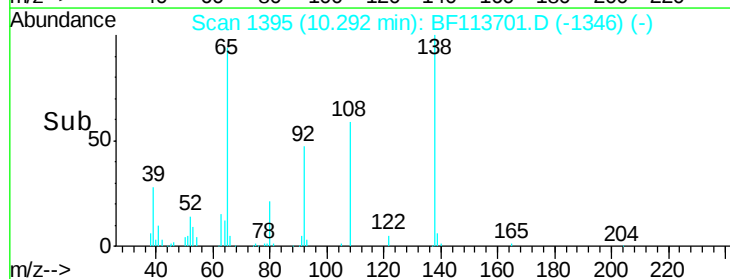
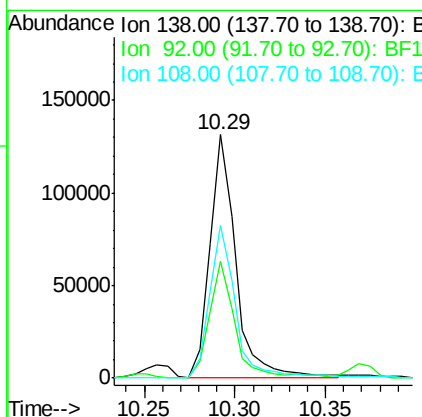
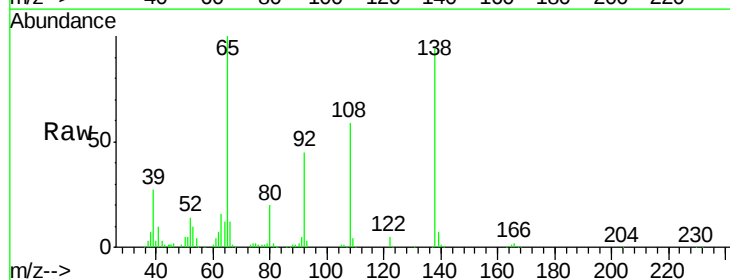
Instrument :
 BNA_F
 ClientSampled :

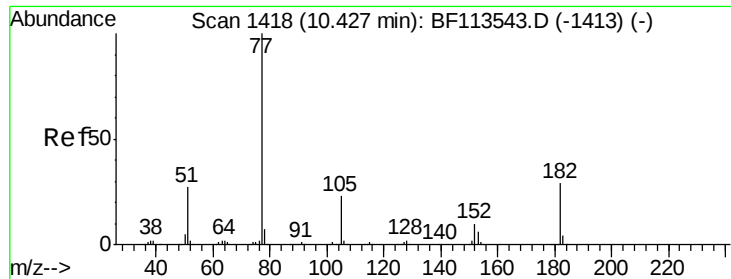
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	53.3	48.8	73.2



#62
 4-Nitroaniline
 Concen: 33.866 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	25.8	65.8
108	62.6	44.0	84.0

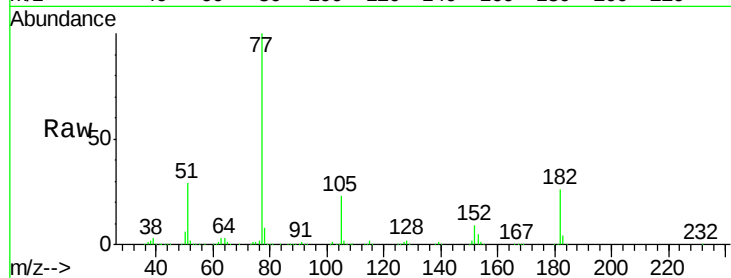




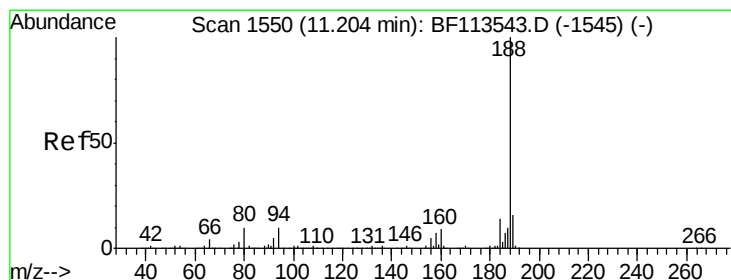
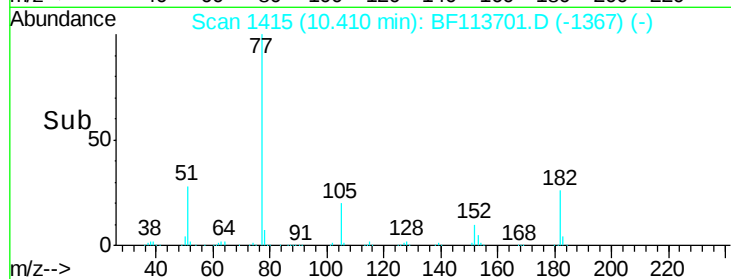
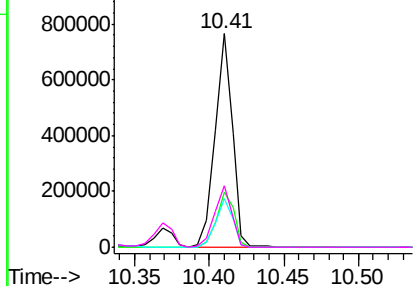
#63
Azobenzene
Concen: 45.339 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	617874
Ion	Ratio	Lower	Upper
77	100		
182	25.8	8.7	48.7
105	22.9	2.9	42.9
51	28.9	8.8	48.8

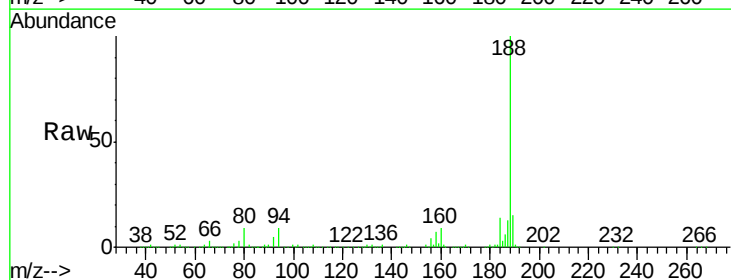


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

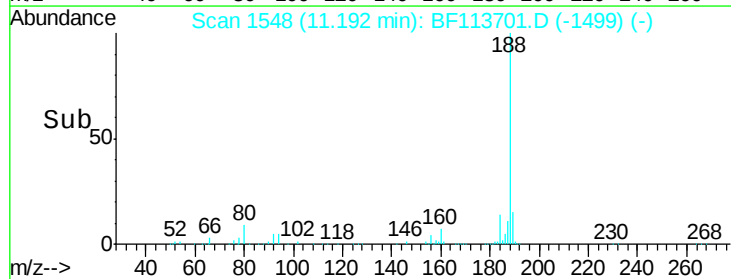
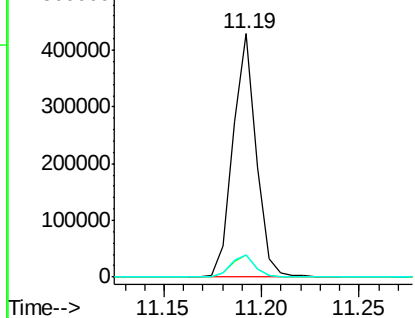


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion:	188	Resp:	353383
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.2	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

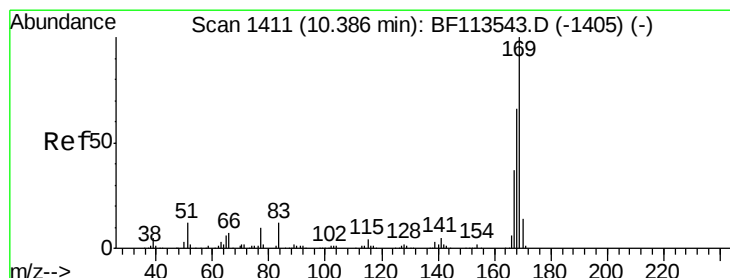
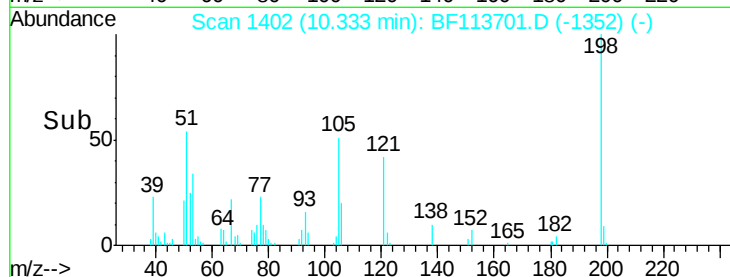
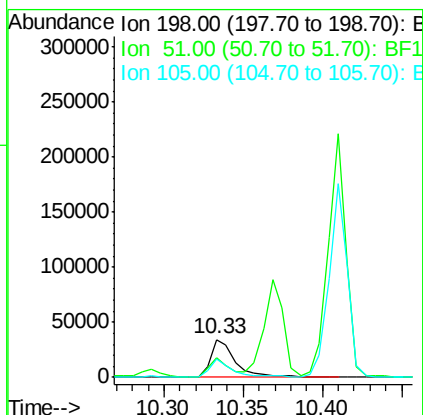
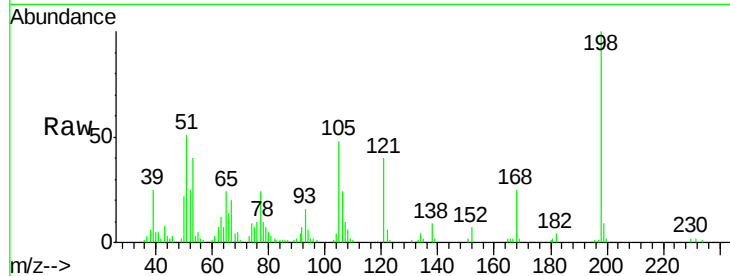




#65
4,6-Dinitro-2-methylphenol
Concen: 19.985 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

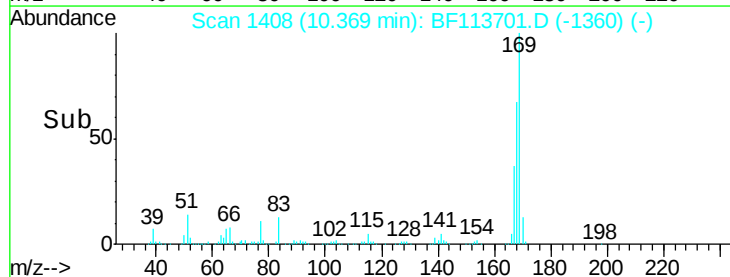
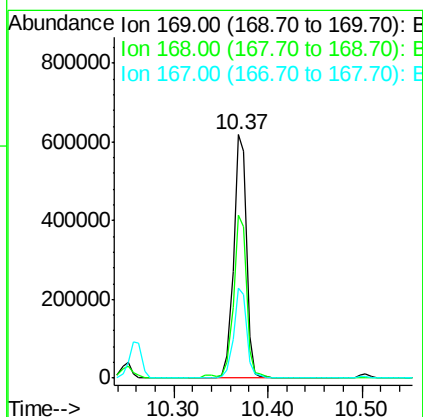
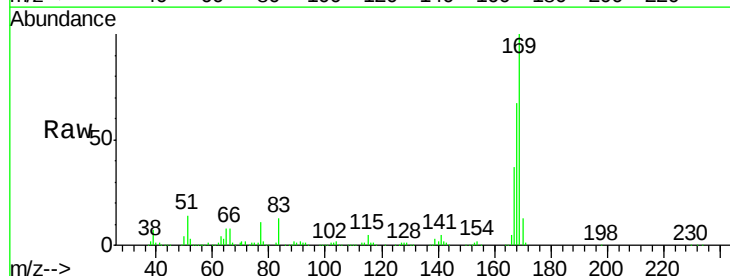
Instrument :
BNA_F
ClientSampleId :

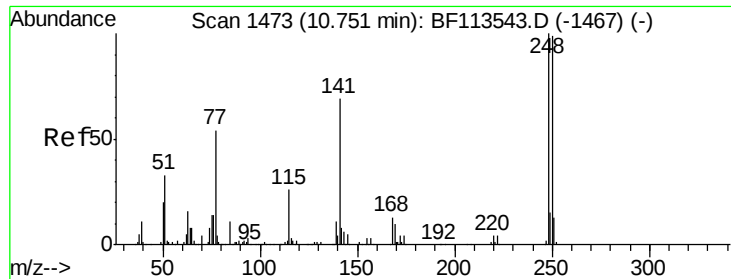
Tot Ion:198 Resp: 37180
Ion Ratio Lower Upper
198 100
51 50.9 21.6 61.6
105 47.5 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 54.225 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion:169 Resp: 588267
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.9 29.5 44.3

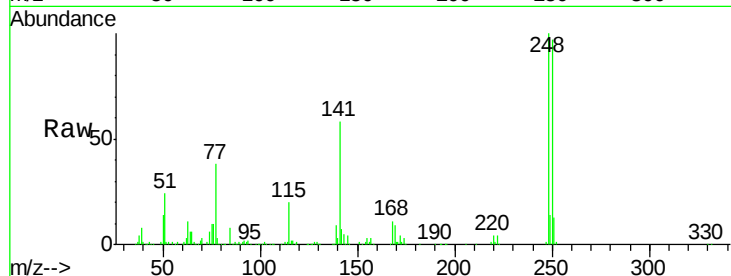




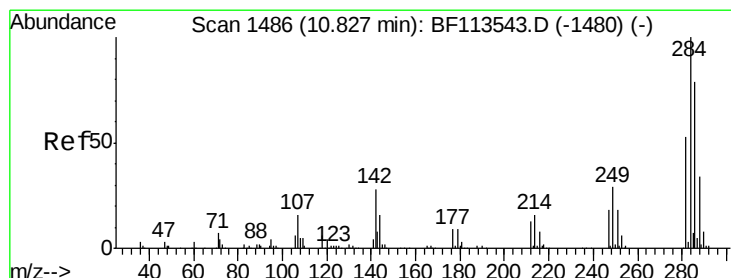
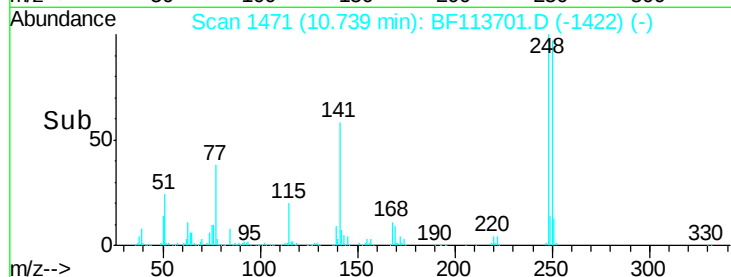
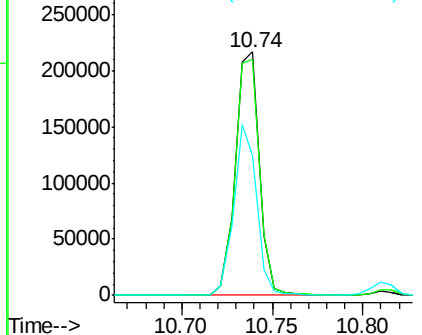
#67
4-Bromophenyl-phenylether
Concen: 50.555 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.3	117.5
141	57.6	56.2	84.4

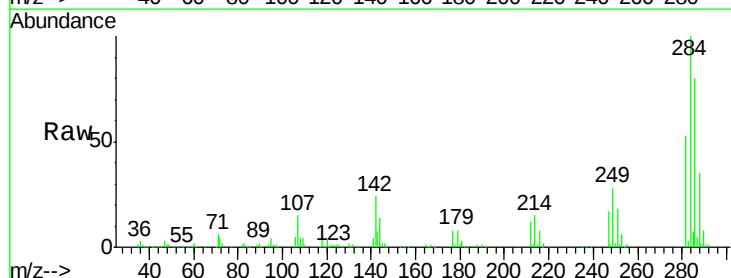


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

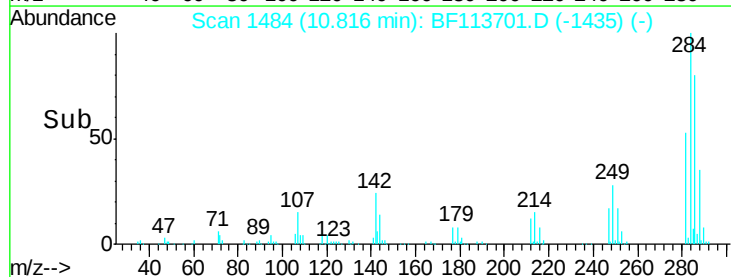
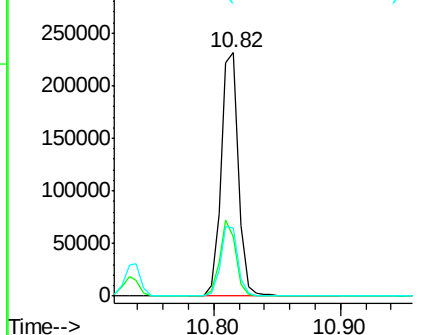


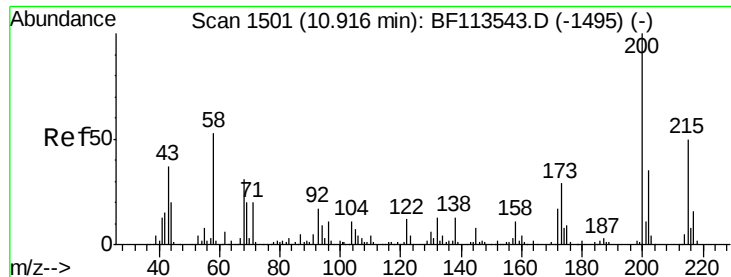
#68
Hexachlorobenzene
Concen: 48.811 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	20.1	30.1
249	28.3	22.7	34.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

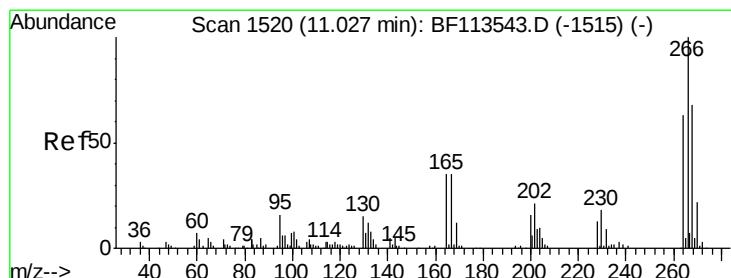
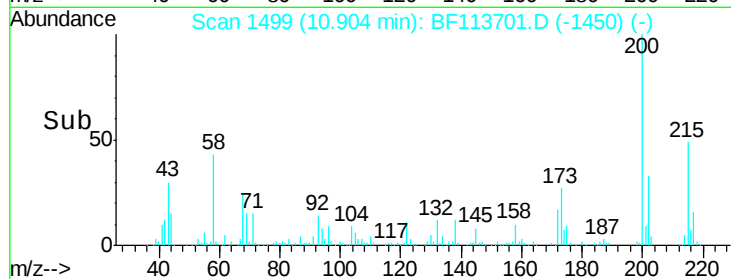
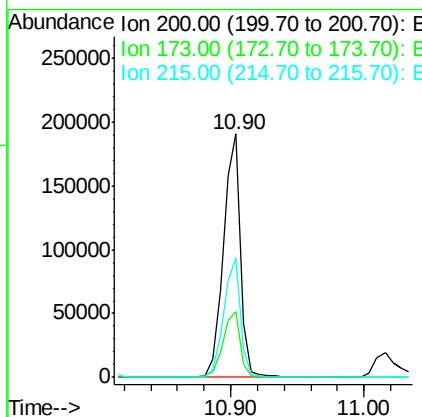
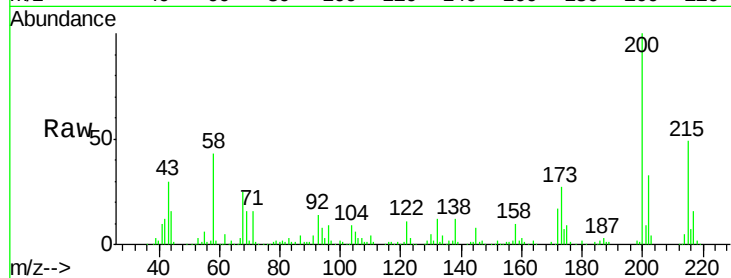




#69
 Atrazine
 Concen: 50.138 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

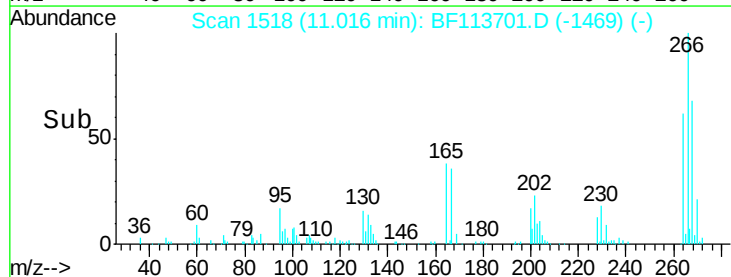
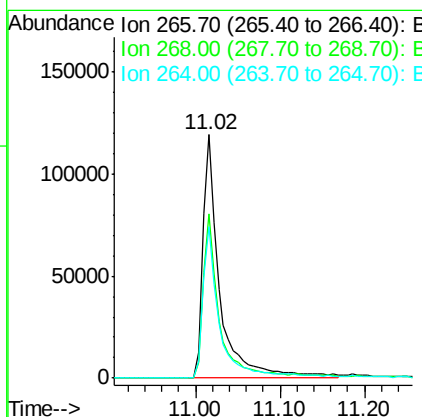
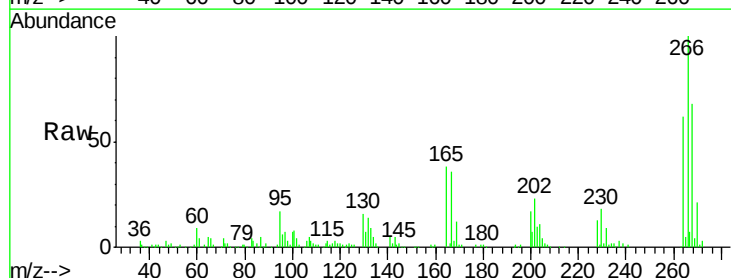
Instrument :
 BNA_F
 ClientSampled :

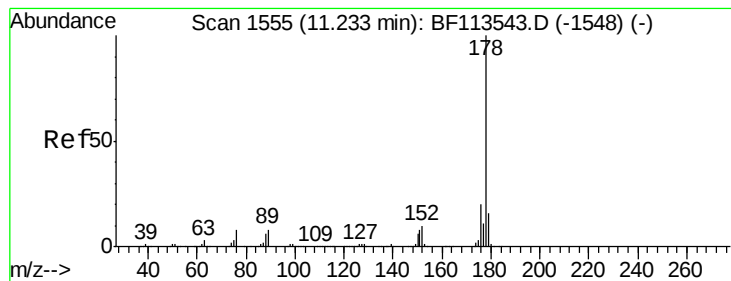
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.0	46.0
215	48.8	31.3	71.3



#70
 Pentachlorophenol
 Concen: 77.302 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	53.8	80.6
264	62.2	49.2	73.8





#71

Phenanthrene

Concen: 48.936 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampled :

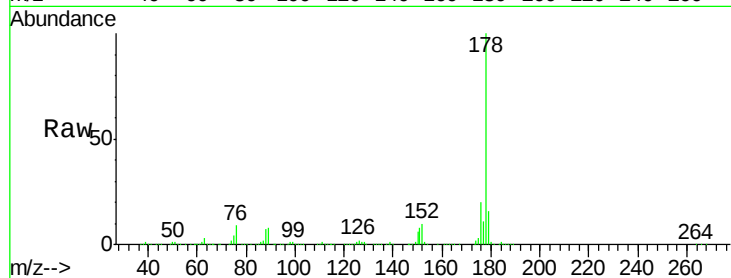
Tot Ion:178 Resp: 859303

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.2

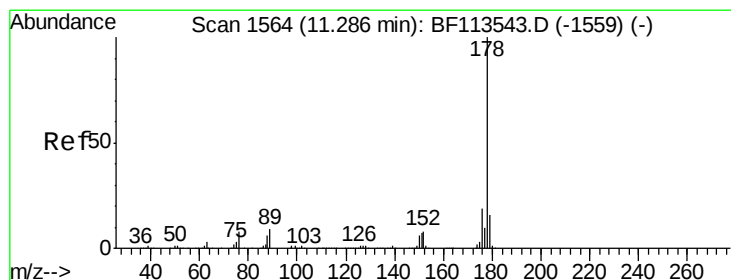
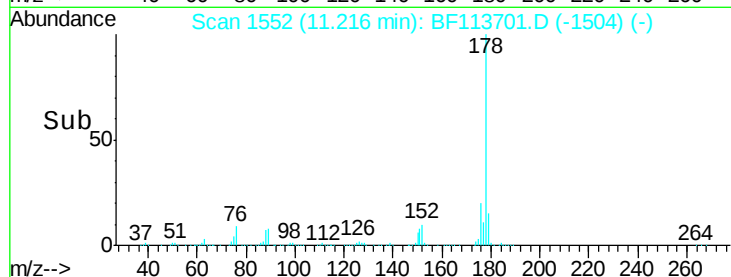
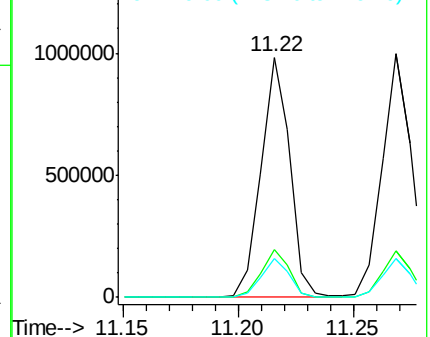
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.093 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

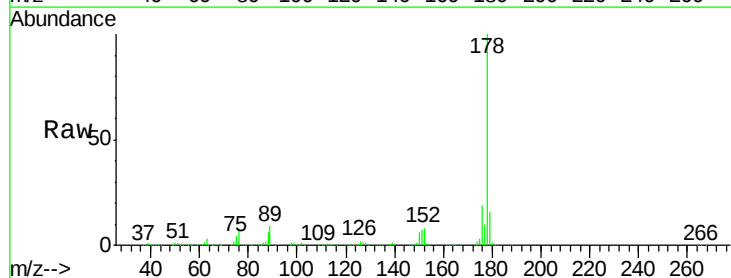
Tgt Ion:178 Resp: 894953

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

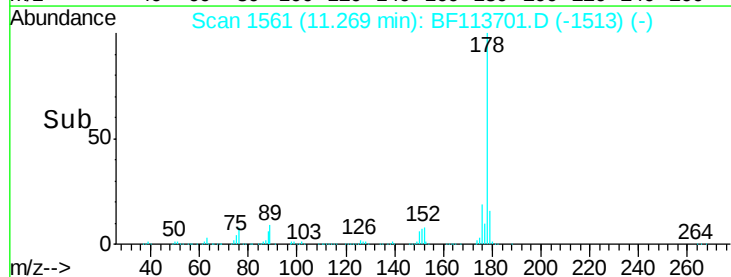
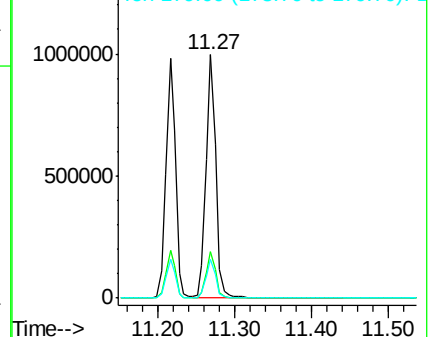
179 15.8 12.8 19.2

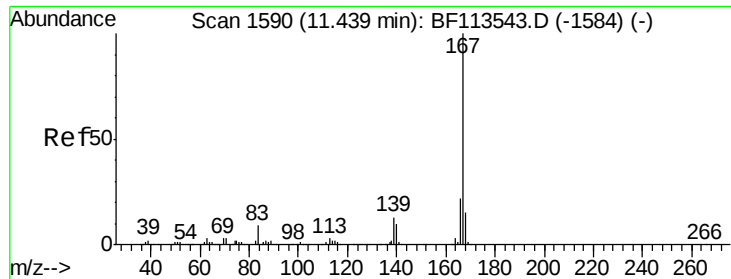


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 47.879 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

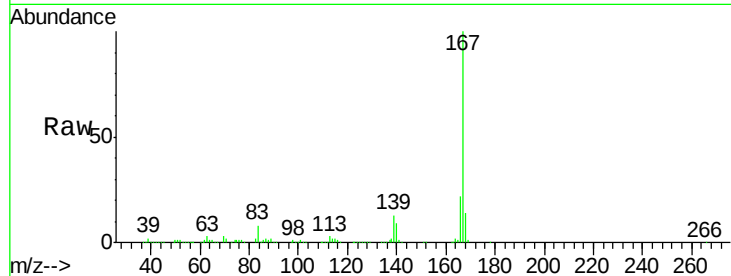
Tot Ion:167 Resp: 800049

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

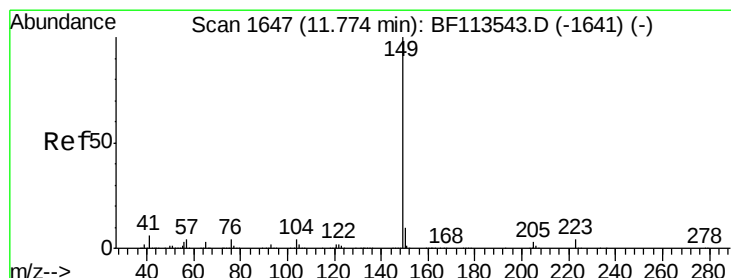
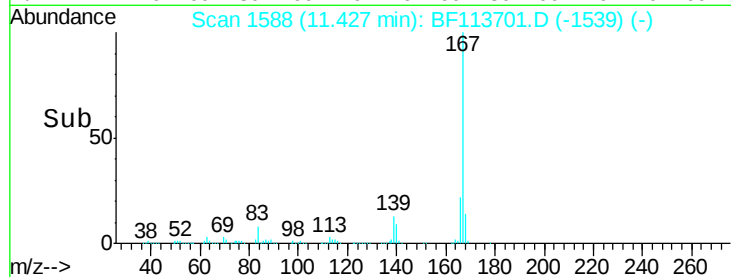
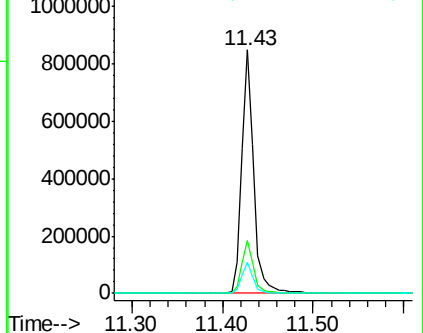
139 12.7 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.675 ng

RT: 11.75 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

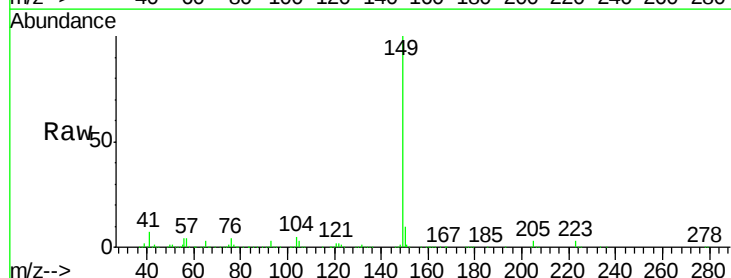
Tgt Ion:149 Resp: 967544

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

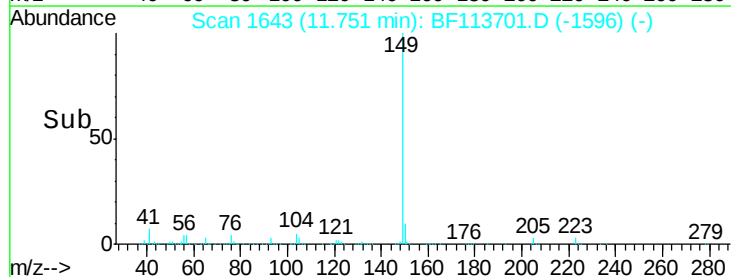
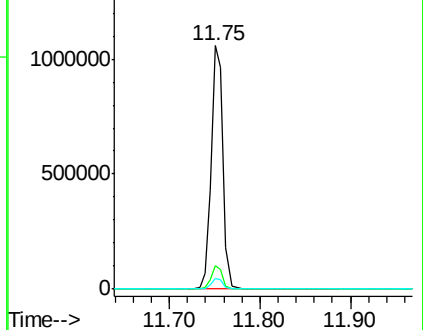
104 4.6 3.7 5.5

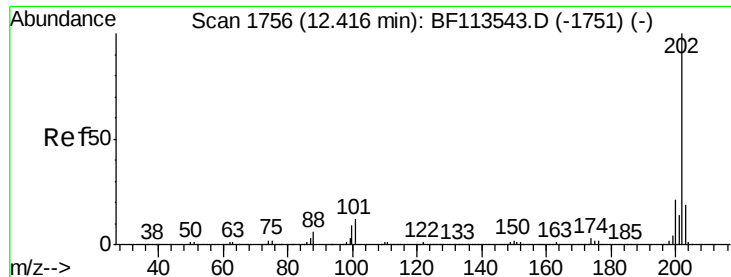


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

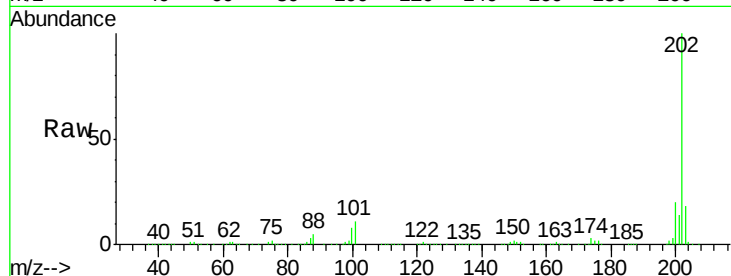




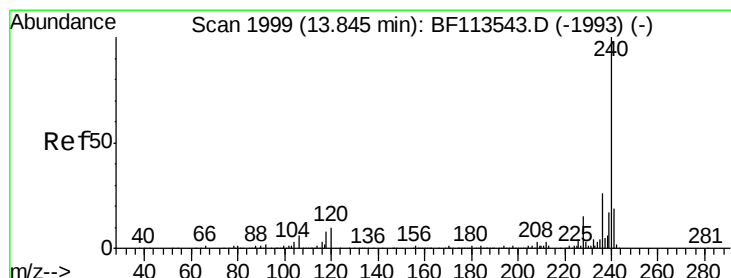
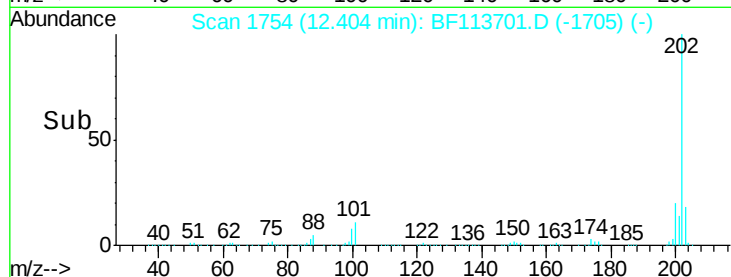
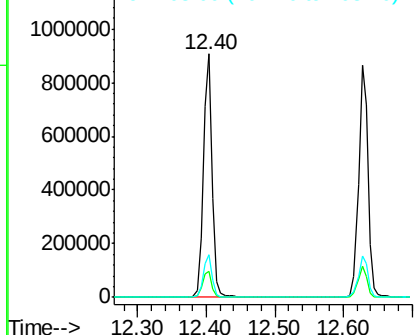
#75
 Fluoranthene
 Concen: 44.156 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.4
203	17.6	0.0	38.0

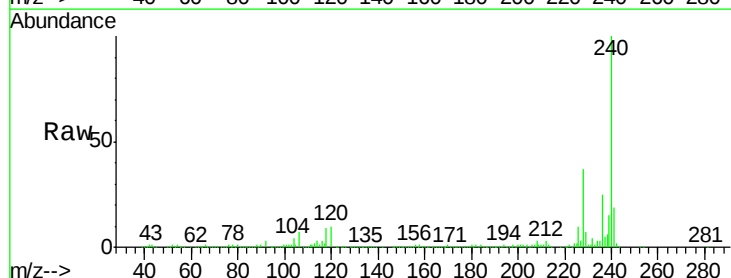


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

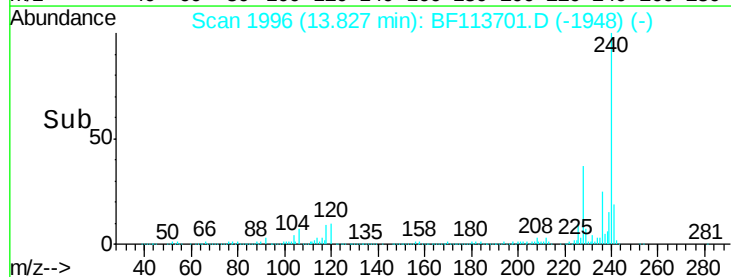
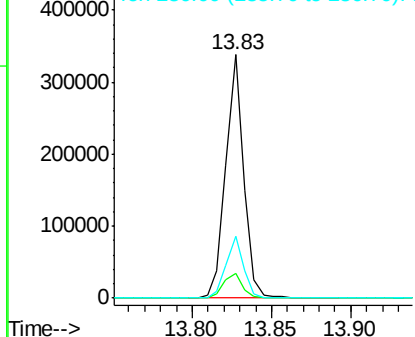


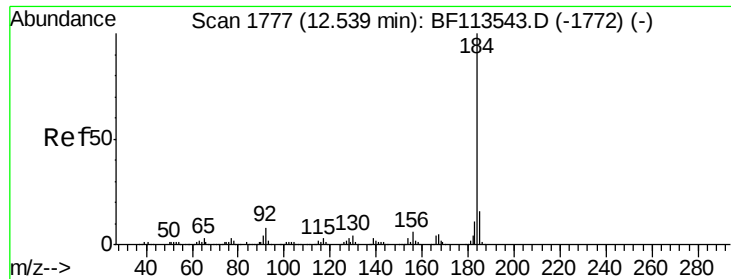
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.8	13.2
236	25.2	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.141 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

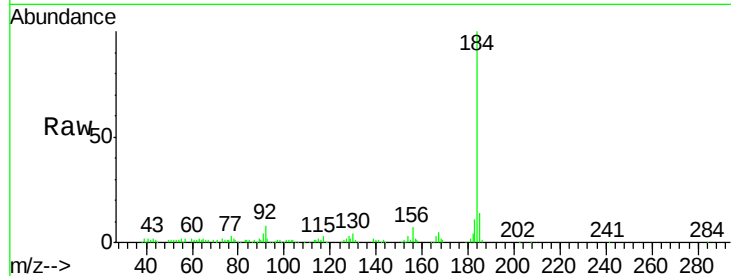
Tot Ion:184 Resp: 159014

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.6

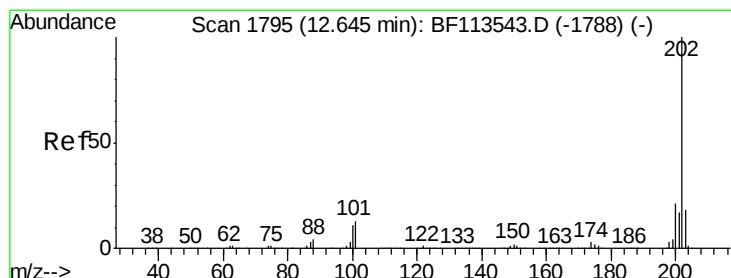
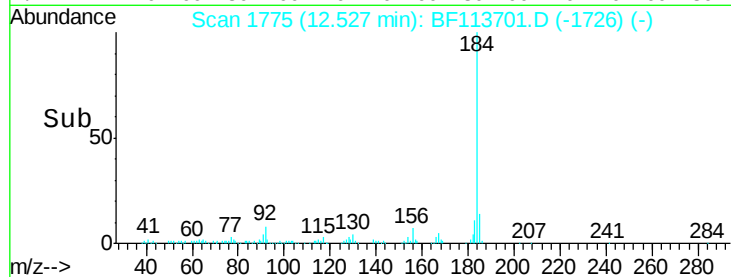
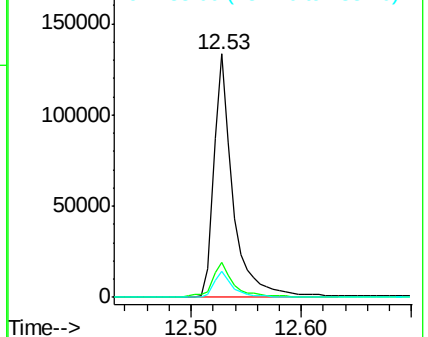
183 10.8 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.397 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

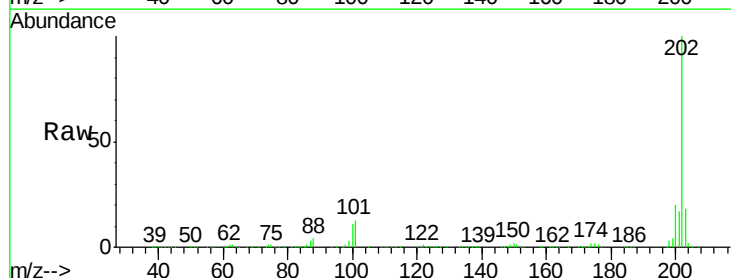
Tgt Ion:202 Resp: 834447

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

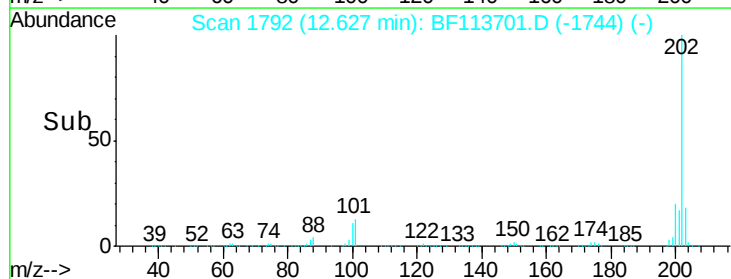
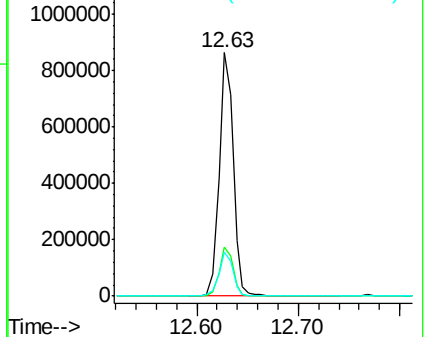
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.002 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

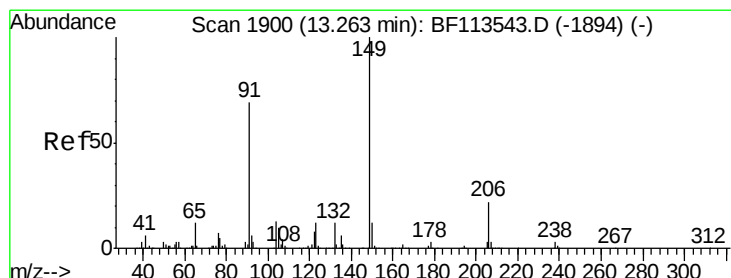
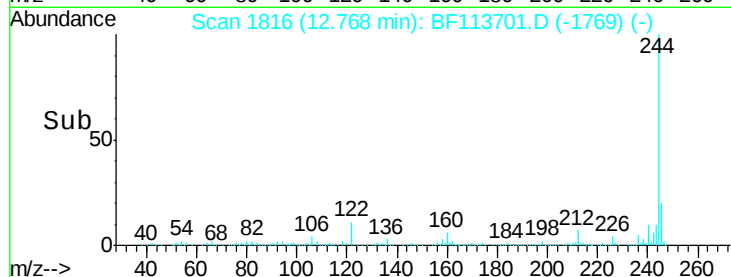
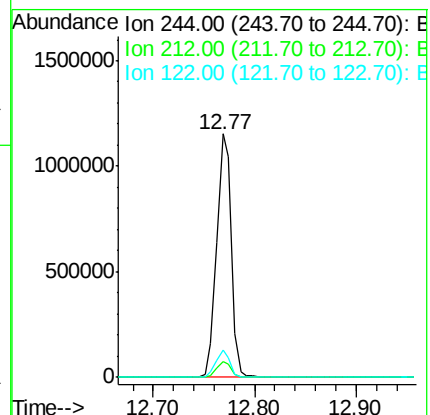
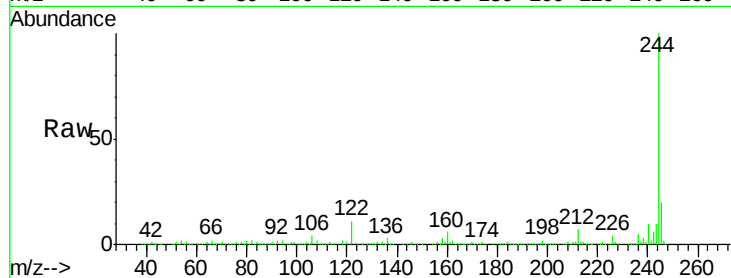
Tot Ion:244 Resp: 1158037

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 11.4 8.6 13.0



#80

Butylbenzylphthalate

Concen: 42.033 ng

RT: 13.24 min Scan# 1897

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

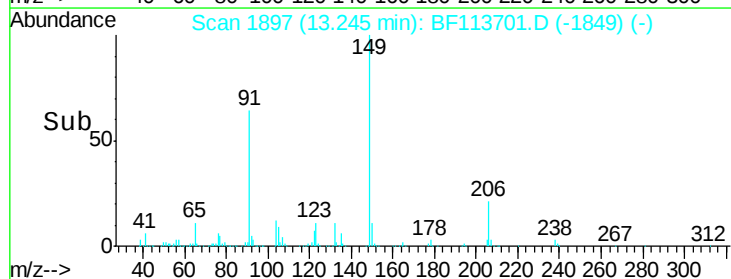
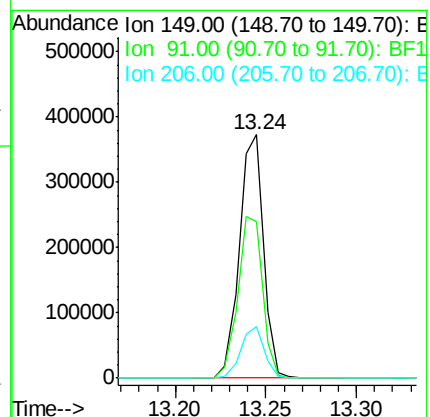
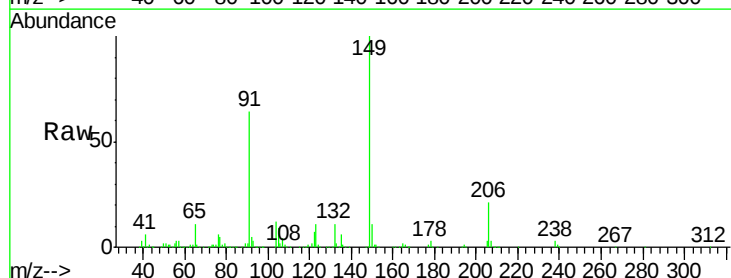
Tgt Ion:149 Resp: 344885

Ion Ratio Lower Upper

149 100

91 64.2 55.2 82.8

206 21.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 46.798 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampled :

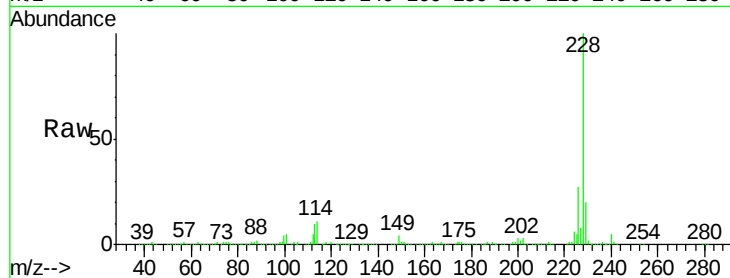
Tot Ion:228 Resp: 715158

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

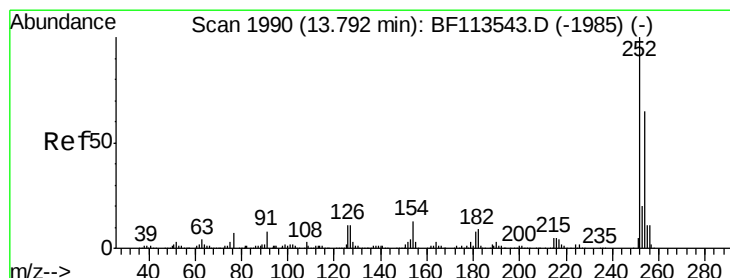
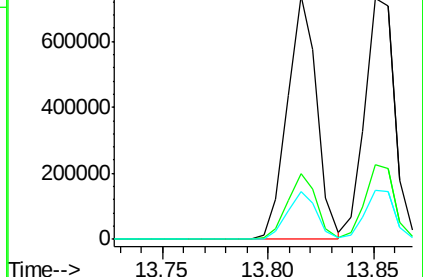
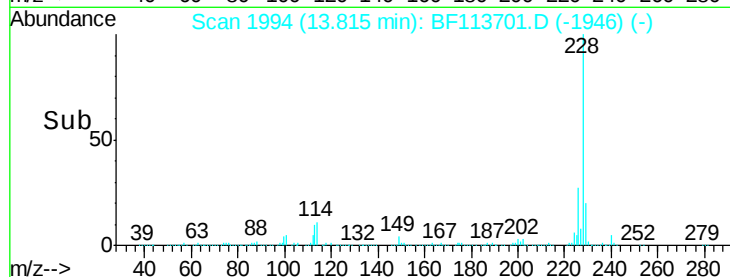
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.761 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

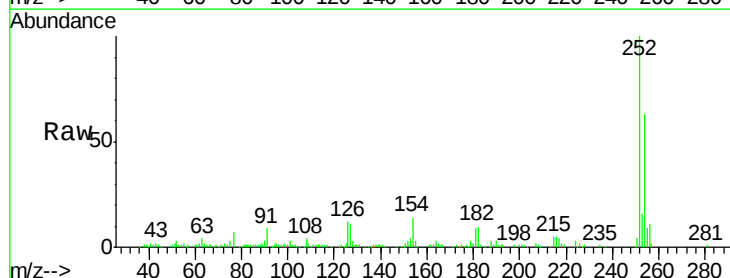
Tgt Ion:252 Resp: 110429

Ion Ratio Lower Upper

252 100

254 63.4 52.2 78.2

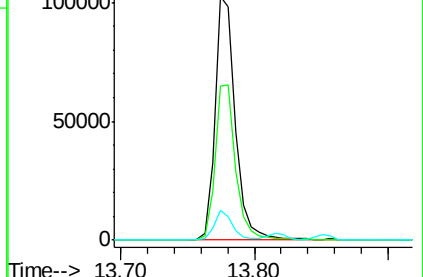
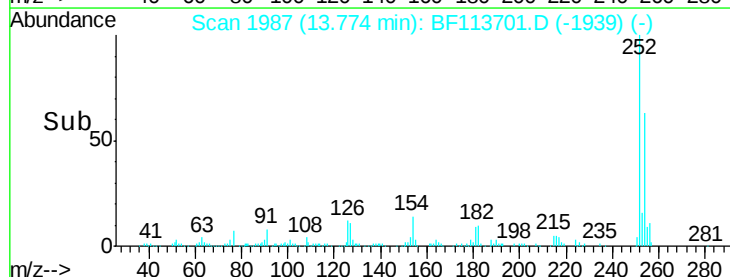
126 12.2 8.5 12.7

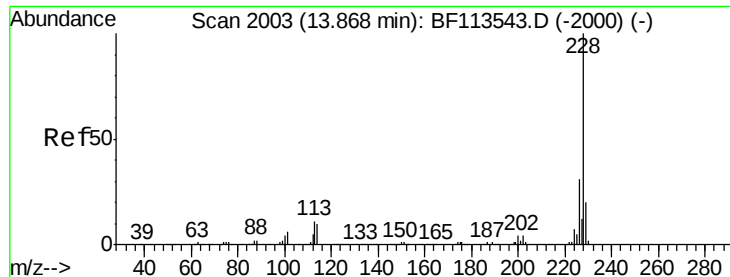


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

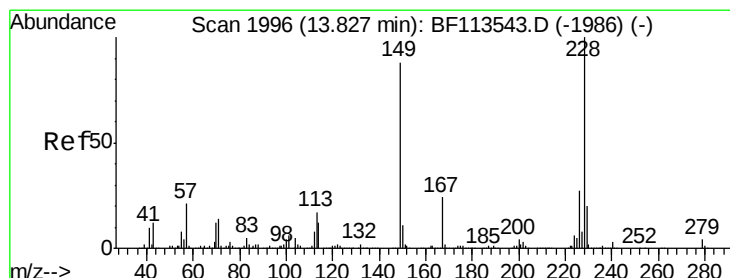
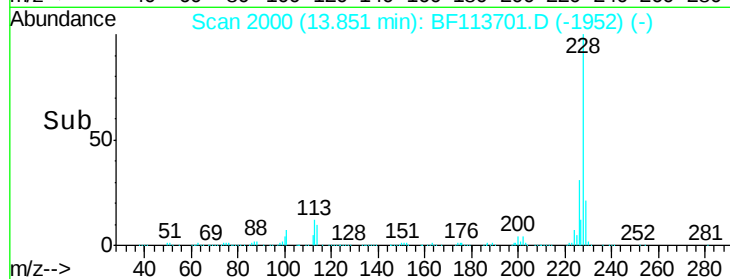
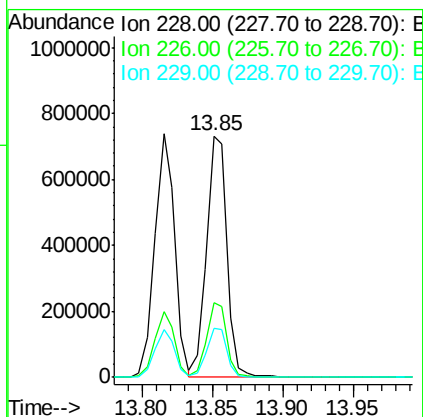
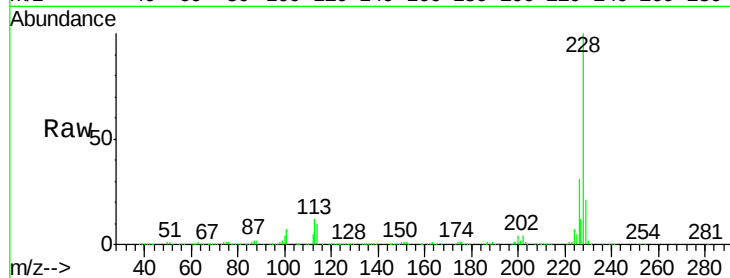




#83
 Chrvsene
 Concen: 47.134 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

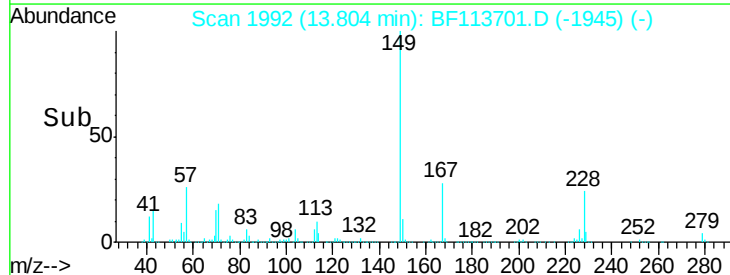
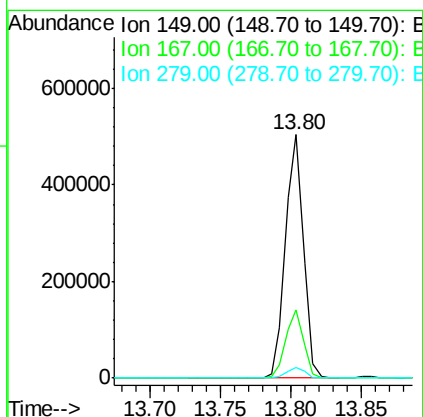
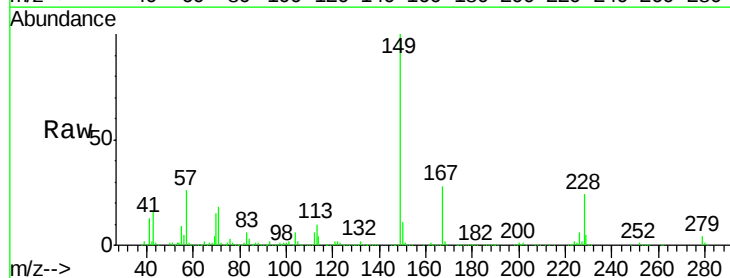
Instrument :
 BNA_F
 ClientSampleId :

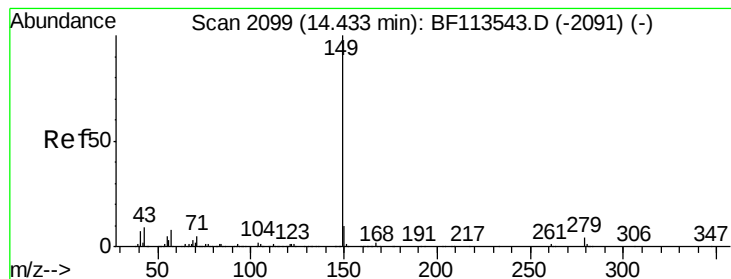
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	20.6	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.051 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BF113701.D
 Acq: 10 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	4.2	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 49.723 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

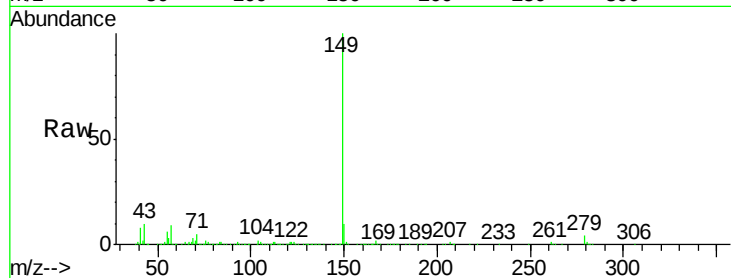
Tot Ion:149 Resp: 801805

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

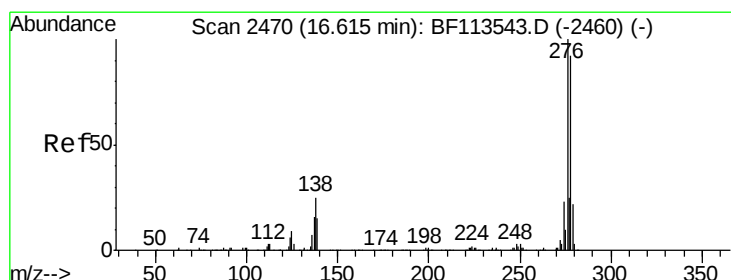
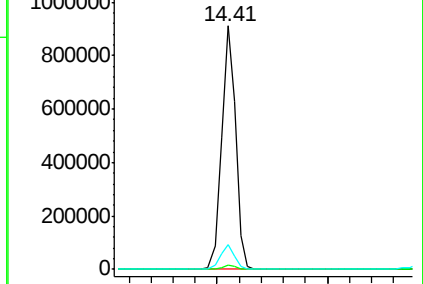
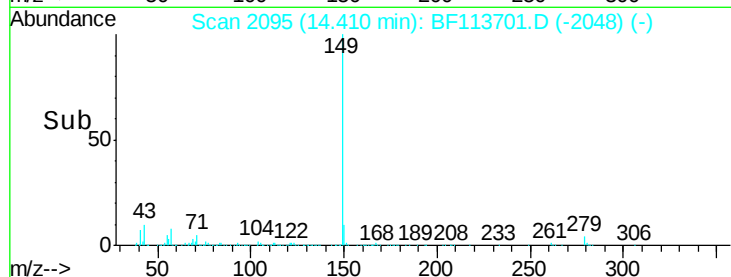
43 9.6 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.958 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

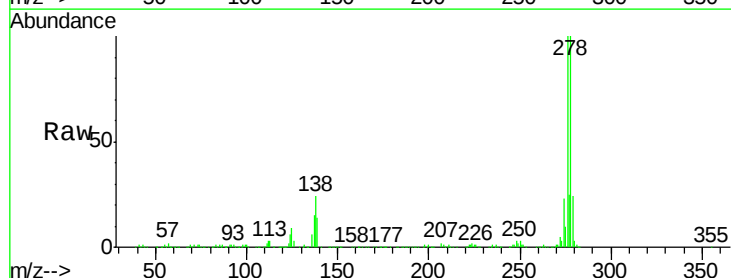
Tgt Ion:276 Resp: 657328

Ion Ratio Lower Upper

276 100

138 23.6 18.1 27.1

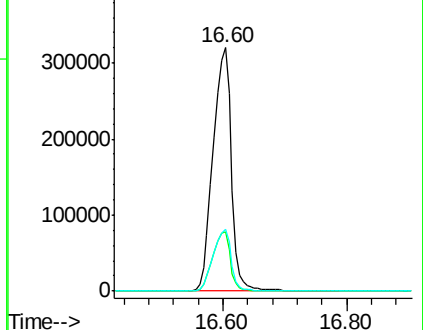
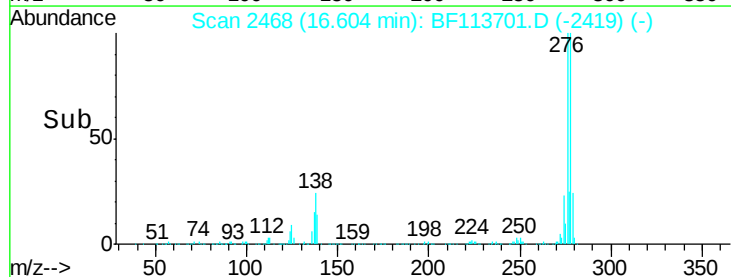
277 25.0 20.2 30.4

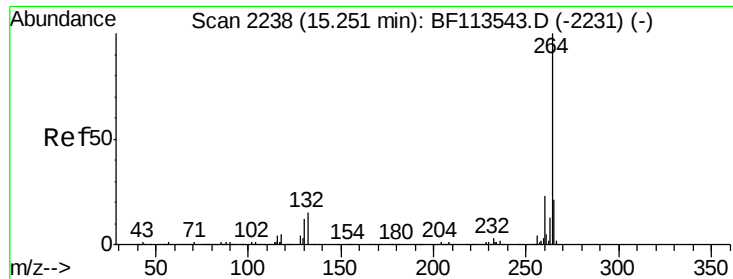


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

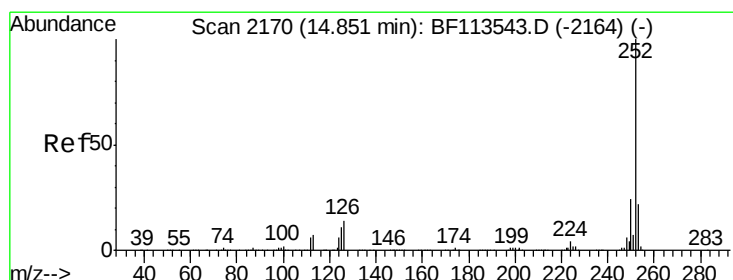
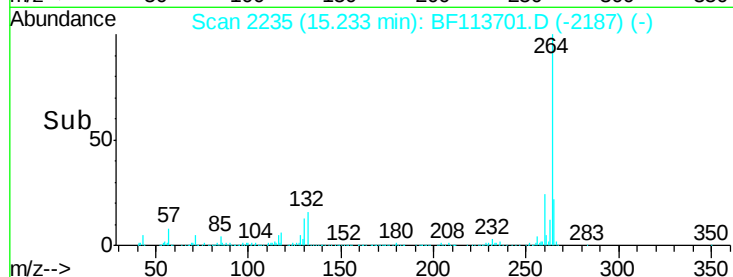
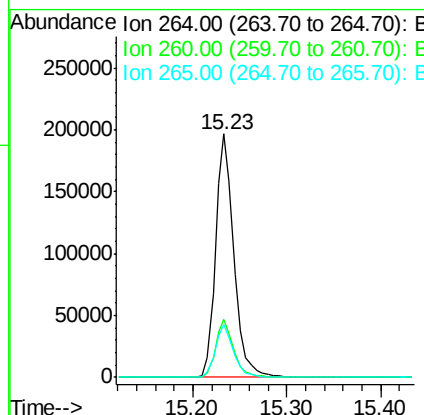
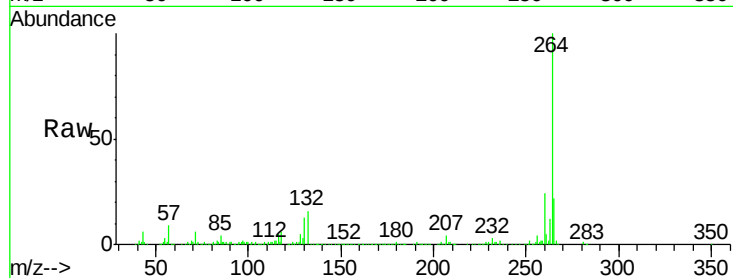




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

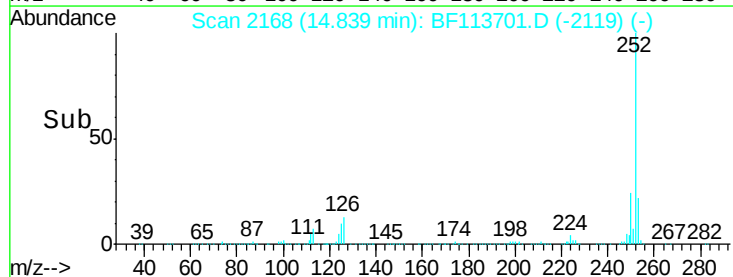
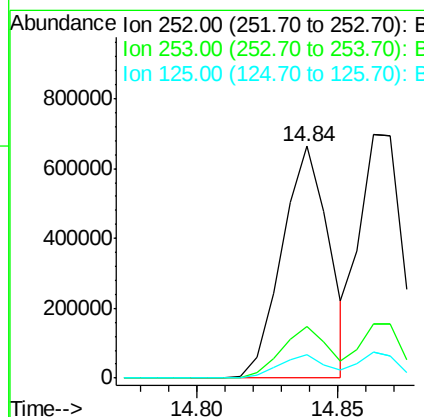
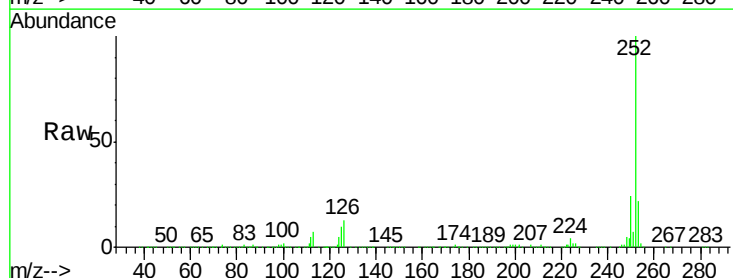
Instrument :
BNA_F
ClientSampled :

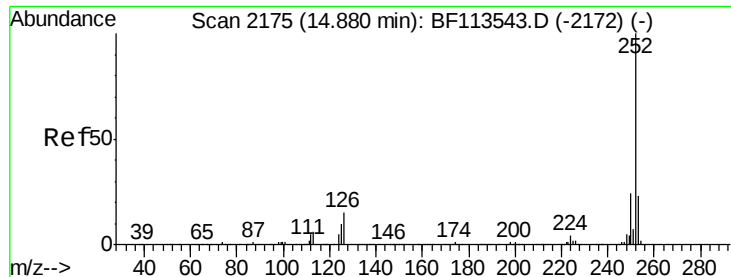
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.7	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 46.647 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.9	7.6	11.4

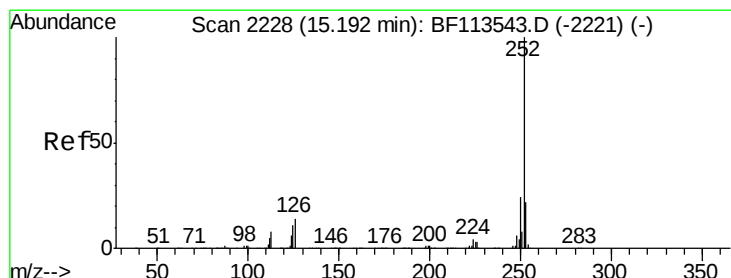
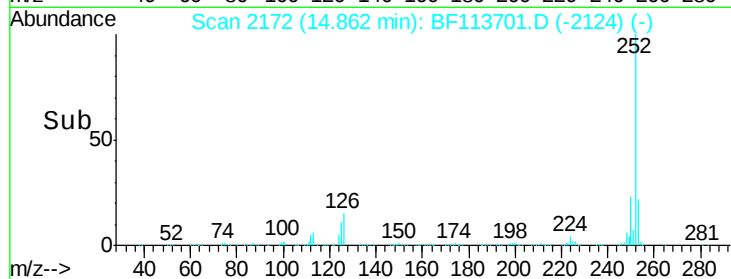
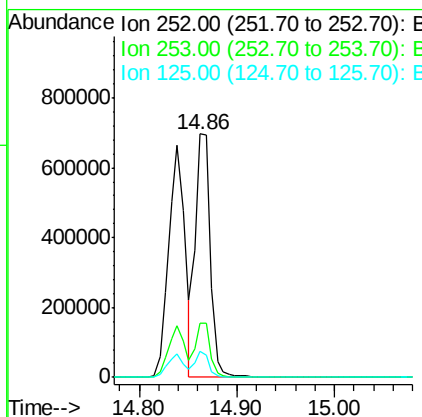
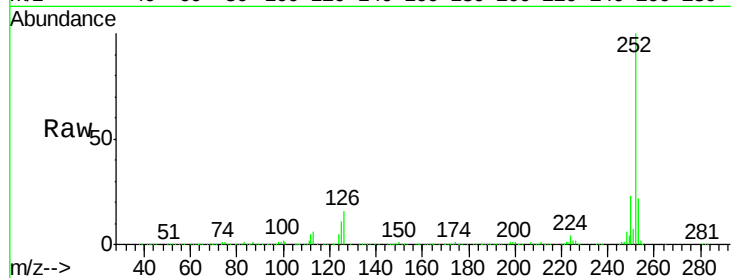




#89
Benzo(k)fluoranthene
Concen: 50.415 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

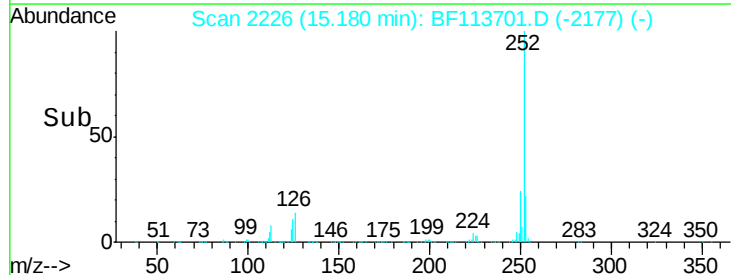
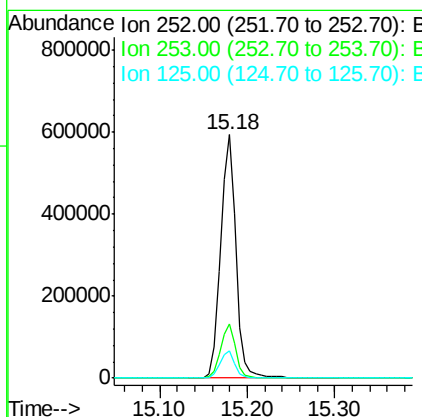
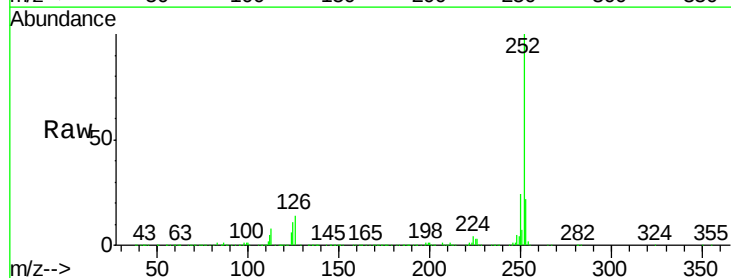
Instrument :
BNA_F
ClientSampleId :

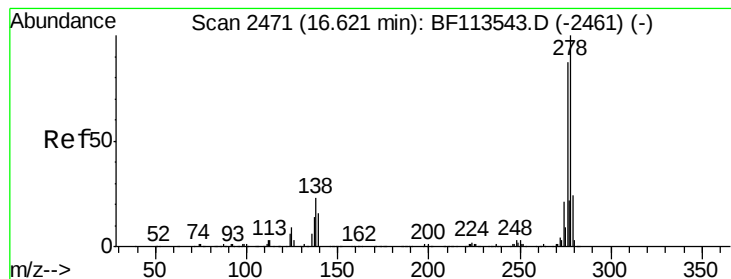
Tot Ion:252 Resp: 744055
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 49.478 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113701.D
Acq: 10 Apr 2019 17:28

Tgt Ion:252 Resp: 723006
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 41.671 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

Instrument :

BNA_F

ClientSampleId :

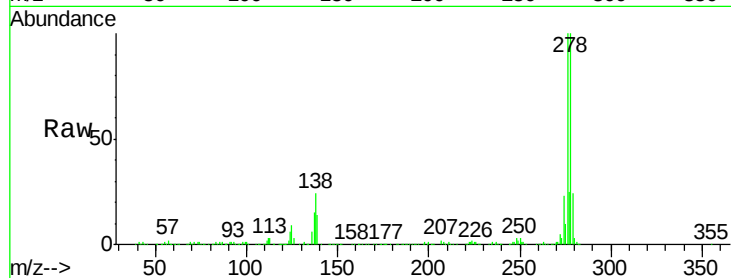
Tot Ion:278 Resp: 569432

Ion Ratio Lower Upper

278 100

139 14.4 12.0 18.0

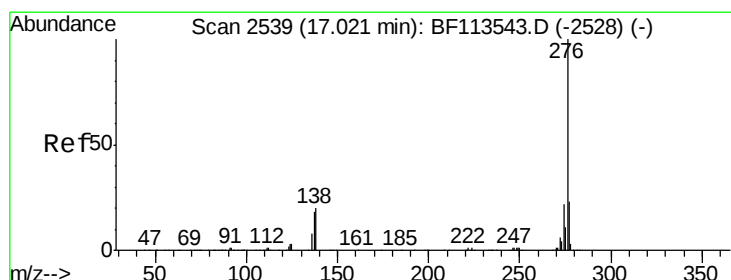
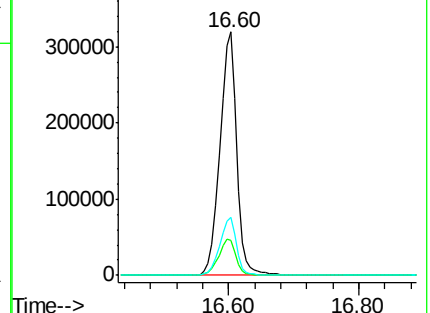
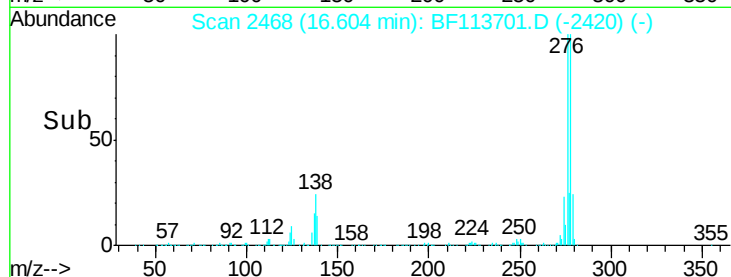
279 23.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.179 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF113701.D

Acq: 10 Apr 2019 17:28

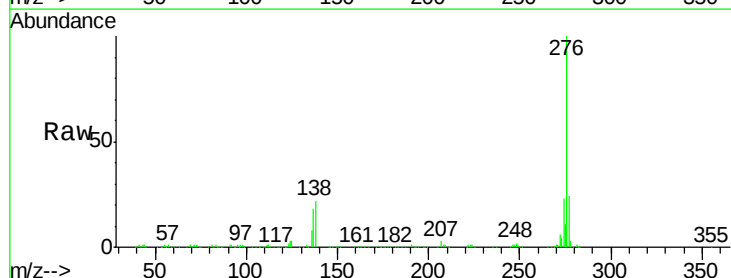
Tgt Ion:276 Resp: 532505

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.5 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

